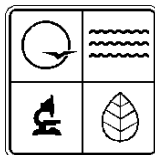


# State of Missouri Toxics Release Inventory



## Summary Report: 2000 Data

August 15, 2002



**Missouri Department of Natural Resources**

**Environmental Assistance Office**

1-800-361-4827 or (573)-526-6627

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This project funded in part by the U.S. Environmental Protection Agency

**STATE OF MISSOURI  
TOXICS RELEASE INVENTORY**

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**SUMMARY REPORT: 2000 Data**

# **Explanation of Terms**

**Energy Recovery** - Recovery of useful energy from waste mainly through combustion of chemical waste.

**Facility** - Defined for the purposes of TRI reporting as all buildings, equipment, structures and other stationary items which are located on a single site or on contiguous or adjacent sites and which are owned or operated by the same person (entity).

**Fugitive (Non-Point) Air Releases** - Emissions to the air that are not conveyed through stacks, vents, ducts, pipes or other confined air streams. Examples include equipment leaks from valves, pump seals, flanges, compressors, sampling connections, open-ended lines and evaporative losses from open tanks, surface impoundments and spills.

**Manufacture** - To produce, prepare, import or compound a toxic chemical.

**Off-site Locations** - Locations outside the boundaries of a facility to which wastes are transported for treatment, energy recovery, recycling or disposal.

**Off-site Releases** – Refers to chemicals sent off-site for disposal in permitted hazardous waste landfills.

**Off-site Transfers** - Refers to TRI chemicals sent off-site for energy recovery, recycling, treatment or disposal. They are reported as transfers to either Publicly Owned Treatment Works (POTWs) or other off-site locations (non-POTWs) such as incinerators, landfills, other treatment, recycling, energy recovery or disposal facilities not part of the reporting facility. Off-site transfers for disposal are included in total releases to the environment.

**Off-site Waste Management** – Refers to chemicals sent off-site for recycling, energy recovery or treatment. May also include chemicals sent to brokers for further waste management.

**On-site Releases** – Refers to on-site discharges of TRI chemicals to the air, water, land and disposal in underground injection wells (none in Missouri). They include permitted, accidental and non-permitted discharges.

**On-site Releases to Air** - See Fugitive (Non-Point) Air Releases and Stack (Point Source) Air Releases.

**On-site Releases to Land** - Refers to landfilling, surface impoundment, land treatment/application/farming or any other release of a toxic chemical to land within the boundaries of a facility.

**On-site Releases to Water** - Refers to discharging of chemicals to surface waters such as rivers, lakes, ponds and streams.

**On-site Waste Management** – Refers to chemicals recycled, used for energy recovery or treated on-site.

**Otherwise Use** - Any use of a toxic chemical at a facility which is not covered by the definitions of manufacture or process. This includes any activities in which a listed toxic chemical does not become intentionally incorporated into the final product for distribution in commerce. Examples of otherwise use include degreasers, solvents in paints that are applied to a product, chemicals used in water treatment and refrigerants or coolants.

**Publicly Owned Treatment Works (POTW)** - A wastewater treatment facility that is owned by a unit of the government.

**Process** - Refers to the preparation of a listed toxic chemical after its manufacture for distribution in commerce. Processing is usually the intentional incorporation of a toxic chemical into a product. It includes making mixtures, repackaging and using a toxic chemical as a feedstock, raw material or starting material for making another chemical.

**Recycle** - The process of capturing a useful product from a waste stream. Solvent recovery, metals recovery and acid regeneration are examples of recycling.

**Source Reduction/Pollution Prevention** - Activities that reduce the quantity or toxicity of wastes in a process before they are generated. Improved operation and maintenance, process and equipment modification, conservation practices, material substitution, product modification and in process recycling are examples of pollution prevention.

**Stack (Point Source) Air Releases** - Emissions to the air that are conveyed through stacks, vents, ducts, pipes or other confined air streams. Examples include storage tank emissions and emissions from air pollution control equipment.

**Standard Industrial Classification (SIC) Code** - A four digit number code designated by the Federal Office of Management and Budget to describe the type of activity(ies) at a facility. The first two numbers of the code define a major business sector and the last two numbers define a facility's specialty within the major sector.

**Total Releases** – Refers to on-site releases to air, land and water and chemicals sent off-site for disposal plus metals sent to POTWs.

**Toxic** - A substance that produces or causes a systemic damage to an organism.

# **Executive Summary**

In reporting year (RY) 2000, 609 companies reported releasing a total of 130,835,669 pounds of toxic chemicals into the Missouri environment. This was an increase of 5,615,125 pounds, or 4.5 percent, over the amount reported in 1999. The major portion of this increase was due to increased land releases by both the original and new industry sectors. The original industries are the manufacturing sector that have been reporting to the Toxics Release Inventory (TRI) since 1988. For 2000, there were a total of 552 original companies in the manufacturing sector that reported to the TRI. This was an increase of 28 companies, or 5.3%, over the number that reported in 1999. The new industries are the industries that were added in 1998. In Missouri, the new industry sector consists primarily of the electric utilities and the metal mining industry. For 2000, 57 companies in the new industry sector reported to the TRI. This was two less than the number that reported in 1999.

Both the original and new industry sectors had an increase in land releases of approximately 5 million pounds each. However, the original manufacturing sector had a decrease in air releases of almost 3 million pounds and a decrease in water releases of approximately 1.6 million pounds. The new industries had a one million pound decrease in air releases and stayed about the same in water releases. Decreases in air and water releases are a positive trend since these releases can affect the most people.

For the 2000 reporting year, the original industries reported releasing a total of 58,295,420 pounds of TRI chemicals to the Missouri environment. This was 44.6% of the total releases for both the original and new industries. The new industries reported releasing 72,540,249 pounds, which accounts for 55.4% of the total. Combined, these industries reported releasing 38,376,937 pounds to the air, 84,687,282 pounds to the land and 1,946,689 pounds to the water. They reported transferring 5,694,783 pounds off-site for disposal, which is also considered a release to the environment.

For 2000, production related wastes totaled 628,349,855 pounds. This was an increase of 15,181,939 pounds, or 2.5%, over that reported in 1999. The major portion of production related wastes are managed by the original manufacturing sector. Their production related wastes for 2000, including releases, totaled 540,509,592 pounds. The new industry sector, again including releases, totaled 87,840,263 pounds, an increase of 12,232,882 pounds, or 16.2%, over their 1999 amount.

The 2000 reporting year is the first year that the original and new industries have reported for persistent, bioaccumulative and toxic (PBT) chemicals. Missouri companies reported releasing a total of 4,387.48 pounds of mercury and mercury compounds and 7,836.72 pounds of organic PBTs. They reported releasing a total of 36.105 grams of dioxin or dioxin like compounds.

Trends over time show that there is a continued downward trend in air releases by both the original industries and the new industries. Water releases are also

showing downward trends by both industry sectors. There are upward trends in on-site land releases and off-site disposal. Review of the data shows that these increases are due to the reported releases of two companies. The on-site land release increases are due to the land releases of zinc compounds by the Doe Run Company, a lead smelter, in Herculaneum, Missouri. The off-site disposal increases are the result of the off-site disposal of lead compounds by the Doe Run Company lead recycling facility in Boss, Missouri.

Source reduction is continuing to be reported by Missouri facilities. For reporting year 2000, 105 companies reported some type of source reduction activity. These 105 companies reported a total of 477 new source reduction activities, which was 8.6 percent less than the number of source reduction activities reported in 1999.

Companies that initiate or implement a source reduction activity should see continued reductions in the amount of pollution generated, if the activity is continued. As an example, source reduction code W42 is “substituted raw materials”, or replacing a more toxic chemical with a less toxic one. If this change permanently eliminates a TRI chemical, the company will realize the benefits of this source reduction activity in future years, although the activity is only reported the year it is implemented.

Part of the source reduction requirements are that companies report projections of TRI chemical activity for two future years. For 2001 and 2002, total production related wastes are projected to decrease by 40 million pounds. Total on-site and off-site releases are projected to decrease by approximately 7.5 and 5 million pounds for reporting year 2001 and 2002, respectively.

It is hoped that Missouri citizens will find the information in this report beneficial. If you have questions or want additional information about the Toxics Release Inventory or need more information about an individual company, please contact the Missouri Department of Natural Resources’ Environmental Assistance Office at 1-800-361-4827 or locally at 573-526-6627.

# **Introduction**

## **What is the Toxics Release Inventory?**

The Toxics Release Inventory, or TRI, is a national database maintained by the U.S. Environmental Protection Agency (EPA) that contains information about the releases of toxic chemicals by manufacturing industries. In 1998, seven new non-manufacturing industries were required to start reporting their releases to the TRI.

The TRI was established under the federal Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986. The TRI is sometimes referred to as Title III, Section 313 of the Superfund Amendments and Re-Authorization Act (SARA Title III). The purpose of the TRI is to provide local communities information about routine releases of toxic chemicals to the air, land and water in their communities so that they can be informed and take action where necessary.

For 2000, the list of reportable chemicals included 576 individual chemicals and 28 chemical categories. It also included new reportable persistent, bioaccumulative, and toxic chemicals known as PBTs. These chemicals will be discussed in the next section of this report, “Changes to the TRI”, and are a focus of later sections of this year’s report.

Facilities report TRI information to the EPA and to the state in which the facility is located. The TRI reports are due each July 1 for the prior reporting year. A reporting year is January 1 through December 31.

## **Reporting Requirements**

A facility is required to submit a report for a listed toxic chemical if the facility meets all three of the following criteria:

1. Employs the equivalent of 10 or more full time employees;

2. Is a covered industry, based on SIC code, or is a federal facility; and,
3. Manufactures or processes more than 25,000 pounds, or otherwise uses more than 10,000 pounds of a listed toxic chemical during the course of the calendar year.

Facilities that meet these criteria must submit one report, known as a Form R, for each toxic chemical manufactured, processed or otherwise used above the thresholds. The original Form R report is submitted to EPA and a copy is sent to the state. The Form R report contains information about the quantity of releases of each chemical to the air, land or water plus off-site transfers. (A copy of a Form R is provided in Appendix A, entitled “Toxic Chemical Release Inventory Reporting Forms”.) A facility may need to report even if it has no releases, because reporting is based on the amount manufactured, processed or otherwise used and not on the amount released.

Table 1 provides a list of covered industries along with the corresponding two or four digit Standard Industrial Classification (SIC) codes. (A more complete list of SIC codes that report under the TRI is provided in Appendix B, entitled “Standard Industrial Classification Codes”). SIC codes are used to identify the type of activities performed at a facility. All industries in Table 1, except manufacturing and federal facilities, were added to the TRI beginning with the 1998 reporting year. The addition of these industries, as will be seen, greatly impacted the reported releases in Missouri. However, it should be remembered that these are not new releases to the environment but only newly reported releases. Many of these new industry sectors have been regulated under air pollution and hazardous waste regulations for many years.

**Table 1**  
**Covered Industries <sup>(1)</sup>**

<b>SIC Code</b>	<b>Industry Description</b>
10xx	Metal Mining <sup>(2)</sup>
12xx	Coal Mining <sup>(2)</sup>
20xx-39xx	Manufacturing
4911 4931 4939	Oil and Coal Fired Electric Utilities
4953	Hazardous Waste Treatment Facilities (RCRA Subtitle C)
5169	Wholesale Chemical Distributors
5171	Petroleum Bulk Terminals
7389	Solvent Recovery Services
9711 <sup>(3)</sup>	Federal Facilities

<sup>(1)</sup> Prior to 1998, only manufacturing and federal facilities were covered under TRI

<sup>(2)</sup> Certain qualifiers apply

<sup>(3)</sup> Multiple SICs may apply to federal facilities

The standard Form R report contains general facility information and detailed data about on-site releases, off-site transfers and on-site waste management activities. In lieu of a Form R, a short form (Form A) may be used if the facility meets certain criteria. After determining the need to report, a facility may use a Form A for a given chemical if:

1. The sum of the total releases, transfers and wastes managed on- or off-site does not exceed 500 pounds; and,
2. The total annual amount of the chemical manufactured, processed or otherwise used does not exceed 1,000,000 pounds.

The Form A is a two page report that has the same general facility information and identification of the listed chemical, but it does not provide any release, transfer or waste management data. (See Appendix A for a copy of the Form A.) In 2000, a total of 368 Form A's were submitted out of a total of 2,255 reports filed.

## **Uses of the TRI**

The Toxics Release Inventory can be used in a variety of ways. One of Congress' main purposes in enacting EPCRA was to provide citizens with information they can use to target potential health risks in their communities. This has been a common use of TRI. Public interest and environmental groups, news media, community organizations, educators, researchers, industry, students and private citizens have all made use of the TRI in a variety of ways.

Because the TRI covers all media (i.e., air, land and water), federal, state and local governments can use the data to compare facilities or geographic areas, evaluate existing environmental programs, or target technical assistance efforts.

Facilities themselves can use the data to identify problem areas, establish reduction targets, reduce costs associated with the purchase and disposal of toxic chemicals, and monitor progress towards pollution prevention goals.

## **Limitations of the TRI Data**

The user of TRI data should be aware of its limitations in order to accurately interpret its significance. One factor to be considered is that the TRI represents a relatively small fraction of the businesses in Missouri. This is due to the reporting criteria listed previously. There are numerous other sources not covered under the TRI that release toxic chemicals. These sources include small businesses, motor vehicles and agricultural operations. For some chemicals, the use of consumer products can be a significant source of releases to the environment.

Furthermore, facilities are required to base TRI data on measurements and monitoring

data when these are available. If these are not available, amounts may be estimated based on published emission factors, mass balance calculations, or good engineering judgment. The methods of estimating or calculating data used by different facilities, or even the same facility, may vary over time. Thus, the accuracy of the reported quantities may vary as well.

Another important factor is that the TRI does not provide an indication of potential exposure to the reported releases. Therefore, it cannot be used by itself to determine the impact on public health. This is especially true in Missouri where many of the top releases are reported as land releases by our mining and electric utilities industries. An equivalent release to the air would be considered much more detrimental. Furthermore, the chemical's release rate, toxicity and environmental fate, as well as the local weather conditions and proximity of nearby communities to the release, must all be considered when assessing exposures. Despite these limitations, the TRI can serve as a screening tool to identify areas of concern that may warrant further investigation.

## **Source Reduction**

In 1990, Congress passed a law known as the Pollution Prevention Act (PPA). The purpose of this law was to prevent pollution through reduced generation or elimination of waste at the point of origin, also known as source reduction. Prior to this time, most environmental laws dealt with regulating wastes after they were generated. The PPA established a national policy stating that the best way to manage pollution was through source reduction. Source reduction, in part, was defined as any activity that reduced the generation of a pollutant prior to it entering a waste stream. Some states further defined source reduction as the reduced use of toxic

chemicals. Use reduction is part of the PPA definition, but these states mandated use reduction as part of their regulation. This is not the case in Missouri.

The PPA did establish a hierarchy of preferred waste management options with source reduction being first, reuse or recycle being second, treatment being third, and disposal being last. Through the Toxics Release Inventory, the PPA now required facilities to report how they managed wastes both on-site and off-site. Several sections were added to the Form R to allow for these reporting requirements. Companies were also required to project what they would release or manage for two future years, plus report what methods they were using to reduce the generation of wastes. All of this information is summarized in Section 8 of the Form R. Companies first started reporting this information in 1991. More details about source reduction will be provided in the section entitled "Source Reduction in Missouri," later in this report.

# Changes to the TRI

The TRI reporting requirements change as EPA seeks to improve the program through changes to the list of reportable chemicals and through program expansions.

## Industry Expansion

On May 1, 1997, EPA added seven industries to the list of covered facilities required to report under the TRI. These industries were required to start reporting for the 1998 reporting year. Prior to 1998, only manufacturers with SIC codes 20 – 39 and federal facilities were required to report (see Table 1). EPA included these seven new industries because facilities within these industry sectors manufacture, process or otherwise use substantial quantities of TRI chemicals and engage in activities similar to those conducted by manufacturing facilities.

This seven industry expansion increased the total amount of reported releases in Missouri by 79.9 million pounds in 1998, more than doubling the amount reported in 1997. Two industry sectors accounted for over 99 percent of these increases in Missouri: the metal mining sector and the electric utilities sector. These industries will be discussed in more detail later in this report. This increase did not represent an increase in toxic releases in Missouri. These releases were merely being reported for the first time under the TRI, starting in 1998. Caution, therefore, should be exercised when comparing this new data to data in prior years.

## Chemical List Changes

EPA periodically changes the list of reportable chemicals by adding, deleting or qualifying chemicals, as new information about these chemicals becomes available. For example, in 1999, phosphoric acid was deleted as a TRI reportable chemical. Also,

the number of reportable chemicals was significantly increased for the 1995 reporting year and beyond. This increase included over 200 chemicals and six chemical categories. A chemical category under TRI may include a discrete list of chemicals or may represent any chemical that possesses the category's characteristics. In response to the increased reporting burden resulting from the 1995 chemical expansion, EPA initiated the use of the Form A previously described.

## Persistent, Bioaccumulative and Toxic (PBT) Chemicals

In an October 29, 1999 ruling, EPA established substantially lower reporting thresholds for 15 chemicals and three chemical categories that are highly persistent, bioaccumulate in the environment and are toxic. These are called PBT chemicals. A list of these chemicals and their reporting thresholds are listed in Table 2. EPA believed that the current reporting thresholds of 25,000 and 10,000 pounds excluded important information about these chemicals. Therefore, the thresholds were lowered to those shown.

Not all of the chemicals listed in Table 2 were currently reportable under TRI. Under this ruling, EPA added four chemicals, one chemical category, and two chemicals to an existing category.

**Table 2**  
**PBT Chemicals and Thresholds**

<b>Chemical</b>	<b>Threshold *</b>
Aldrin	100
Benzo (g,h,i) perylene <sup>(1)</sup>	10
Chlordane	10
Dioxin and Dioxin Like Compounds <sup>(1)</sup>	0.1 grams
Heptachlor	10
Hexachlorobenzene	10
Isodrin	10
Mercury	10
Mercury Compounds	10
Methoxychlor	100
Octachlorosytrene <sup>(1)</sup>	10
Pendimethalin	100
Pentachlorobenzene <sup>(1)</sup>	10
Polycyclic Aromatic Compounds	100
Polychlorinated biphenyls (PCBs) <sup>(2)</sup>	10
Tetrabromobisphenol A <sup>(1)</sup>	100
Toxaphene	10
Trifluralin	100

\* Pounds per year unless otherwise noted

(1) Newly added to the TRI List

(2) Two new chemicals will be added to this category, 3-methylcholanthrene and Benzo (j, k) fluorine

PBT chemicals are of particular concern not only because they are toxic but because they remain in the environment for long periods of time, are not readily destroyed, and build up or accumulate in body tissues. Their reporting threshold is the same regardless of whether they are manufactured, processed, or otherwise used.

Certain reporting exemptions, such as the de minimis exemption, do not apply to PBT chemicals, and facilities are no longer allowed to use range codes or the Form A for PBT chemicals. Range codes allow

facilities to provide a letter code for releases ranging from 0 to 1,000 pounds.

Reporting for PBT chemicals began with the 2000 reporting year. Individual sections of this report will discuss these chemicals and their reported releases in more detail.

Dioxin and dioxin like compounds (DLCs) are a unique category of PBT chemicals. As seen in Table 2, their reporting threshold is 0.1 grams. A gram is equal to 0.002205 pounds, or one pound equals 453.6 grams. Dioxin and DLCs are created in very small amounts during various manufacturing processes. They are primarily created or manufactured during combustion processes, such as at power plants. More detailed discussion of dioxin and DLCs will be provided later in this report.

### **Lead and Lead Compounds**

On January 17, 2001, the EPA issued a ruling in the Federal Register that lowered the reporting threshold for lead and lead compounds to 100 pounds. The ruling also added lead and lead compounds as PBT chemicals. The reporting for lead and lead compounds at this lower threshold will not become effective until the 2001 reporting year. However, because of the importance of lead and lead compounds, special emphasis will be given in this report to the current reporting of these chemicals.

# **2000 TRI Data Summary**

In reporting year (RY) 2000, a total of 609 facilities submitted 2,255 Form R or Form A reports. This is an increase of twenty-six (26) new facilities and 154 additional reports compared to 1999. These increases are believed to be due to the addition of the PBT chemicals and their lower reporting thresholds.

A breakdown and summary of the 2000 TRI data is shown in Table 3. This table differentiates between the original manufacturing industries and the new non-manufacturing industries. Table 3 also shows a breakdown of all the on-site and off-site releases; off-site transfers for recycling, energy recovery and treatment; and all on-site waste management.

As can be seen, total on-site and off-site releases for RY2000 totaled 130,835,669 pounds. This is an increase of 5,615,125 pounds, or 4.5 percent, over the amount reported in 1999. Comparing the data for 1999 and 2000 show that this increase was primarily due to increased land releases reported by the new industry sectors.

The original industries showed a decrease of 2,593,911 pounds, or 8.9 percent, in air releases for RY2000, but also showed an increase in land releases of 4,610,912 pounds, an increase of 23.6 percent. Water releases for this sector decreased by 1,550,148 pounds, or 46.4 percent. The original industries had an overall increase in total releases of 1,442,465 pounds, or 2.5 percent, compared to 1999.

As stated previously, the new industries showed a relatively large increase in land releases. As seen in Table 3, their land releases for RY2000 was 60,501,275 pounds. This was an increase of 5,058,521 pounds over their 1999 land releases, or an increase of 9.1 percent. The new industries also showed a decrease in air releases. In 1999, their air releases totaled 12,720,665 pounds. Their RY2000 air releases showed a decrease of 995,756 pounds, or 7.8 percent. Other releases for this sector stayed about the same. Their total overall releases increased by 4,170,795 pounds, or 6.1 percent.

Other important data shown in Table 3 is the data for off-site transfers. The totals for the original industries decreased for RY2000 by 3,523,491 pounds. This change was due primarily to a decrease in transfers off-site for treatment. In 1999, the original industries reported off-site transfers for treatment at 8,704,866 pounds. As seen in Table 3, this sum was 4,501,238 pounds for RY2000, a decrease of 4,203,628 pounds, or 48.3 percent. The transfers for non-metals to POTWs also decreased slightly by 235,783 pounds, but transfers for off-site energy recovery increased by 2,105,477 pounds, or 20.8 percent, over that reported in 1999. Off-site recycling by the original industries stayed almost the same for both years.

The new industry off-site transfers for treatment also decreased from 1999 levels by 51,094 pounds. Although this was a relatively small number, the percent decrease was 52.4 percent. A similar percentage was seen in the decreased transfers to POTWs. While the off-site transfers for energy recovery stayed about

**Table 3**  
**2000 TRI Data Summary**  
(In pounds)

	Original Industry	New Industry	Totals
No. of Facilities	552	57	609
No. of Form Rs	1569	318	1887
No. of Form As	300	68	368
Total Submissions	1869	386	2255
On-site Releases			
Air	26,602,028	11,774,909	38,376,937
Land	24,186,007	60,501,275	84,687,282
Water	1,793,810	152,879	1,946,689
Off-site Releases			
Transfer for Disposal	5,583,607	111,176	5,694,783
POTW(1) (Metals)(2)	129,968	10	129,978
<b>Total Releases</b>	<b>58,295,420</b>	<b>72,540,249</b>	<b>130,835,669</b>
Off-site Transfers			
Recycle	55,808,868	1,790,526	57,599,394
Energy Recovery	12,233,527	255,990	12,489,517
Treatment	4,501,238	46,388	4,547,626
POTW(1) (Non Metals)	6,814,457	120	6,814,577
<b>Total Transfers</b>	<b>79,358,090</b>	<b>2,093,024</b>	<b>81,451,114</b>
On-site Waste Mgmt.			
Recycle	265,156,339	4,503	265,160,842
Energy Recovery	98,064,486	0	98,064,486
Treatment	39,635,257	13,202,487	52,837,744
<b>Total On-site Waste Mgmt.</b>	<b>402,856,082</b>	<b>13,206,990</b>	<b>416,063,072</b>
<b>Total Production-related Wastes Managed</b>	<b>540,509,592</b>	<b>87,840,263</b>	<b>628,349,855</b>

Source: Missouri TRI Database - 2000 data

(1) POTW stands for Publicly Owned Treatment Works.

(2) Metals and metal compounds cannot be treated at POTWs and therefore are considered releases to the environment.

the same as the 1999 levels, the off-site transfers for recycling by the new industries increased significantly. In 1999, the new industries reported 551,259 pounds transferred for recycling. In 2000, this number was 1,790,526 pounds, over a threefold increase. However, this is a positive trend since recycling is a preferred waste management method.

In 1999, the original industries reported recycling 224,972,881 pounds on-site. In 2000, they reported 265,156,339 pounds, an increase of 40,183,458 pounds or 17.9 percent. Although this is a large increase, it is also seen as a positive trend because again recycling is a preferred waste management method. The original industries also showed significant decreases in on-site energy recovery (32,034,180 pounds, or minus 24.6 percent) and on-site treatment (11,454,525 pounds, or minus 22.4 percent). These changes in on-site waste management by the original industries resulted in an overall increase of only 3,677,192 pounds, or 0.9 percent.

On-site recycling by the new industries increased by 7,508,196 pounds, a 132 percent increase over their 1999 total. On-site treatment decreased by 525,757 pounds, a 99.2 percent decrease. These changes resulted in an overall increase of 112 percent in the total on-site wastes managed by the new industries. Although these were large percentage changes, the total amounts are relatively small compared to the original industries. The new industry sector reported no on-site energy recovery for both the 1999 and 2000 reporting years.

The final category shown in Table 3 is the total production-related wastes

managed. For 2000, this sum, which is all the on-site and off-site releases plus all the wastes managed on-site and off-site, came to 628,349,855 pounds. Although this is a very large number, it is an increase of only 1.3 percent over the 1999 total of 620,218,702 pounds. This is a difference of 8,131,153 pounds. As has been shown, there have been increases and decreases by both industry sectors in the various categories. However, the greatest increase in total production wastes managed was in the new industry sector. Their total wastes managed in 1999 was 75,608,338 pounds and, in 2000, it was 87,840,263, an increase of 12,231,925 pounds, or 16.2 percent. While the original industries manage a much larger quantity of TRI chemicals, their increase was only 4,100,772 pounds, or 0.8 percent.

The best way for industry to reduce the health and environmental impact of TRI chemicals is to reduce the total amount they manage. However, the fact that companies are managing them in more beneficial manners such as recycling, energy recovery, and treatment rather than disposal is a positive trend.

# **TRI Data Analysis**

There are many ways to look at the TRI data. One can look at releases by industry sector, by media, by the largest releases by chemical or by facility, or total wastes managed, to name a few. Some of these different ways will be discussed in the following sections of this report. It is hoped that these discussions will help citizens understand the TRI data, how it can be used, and how it impacts their communities.

Appendix C, entitled “2000 TRI Releases and Transfers by County by Company”, provides a listing of all on-site and off-site releases and total off-site transfers by county, by company and then by chemical.

## **Releases by Industry Sector**

Table 4 provides a summary listing of all the on-site and off-site releases by industry sector. The data is sorted by SIC code. The original industries are those with SIC codes 20 through 39 including 9711 (Federal facilities). The new industries are segregated at the top (10 and 12) and bottom (49-73) because this is where their SIC codes fall.

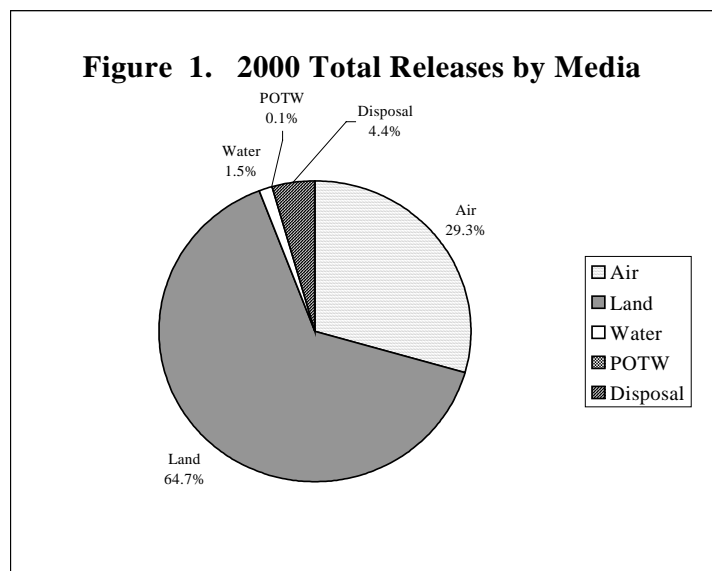
Two things stand out in this table. First, a large portion of the total releases are air (38,376,937 pounds or 29.3 percent) and land (84,685,314 pounds or 64.7 percent) releases, while a relatively small percentage are water releases (1,946,689 pounds or 1.5 percent).

Figure 1 graphically shows the releases by media. In Figure 1, releases to disposal are considered the same as land releases. Releases to POTWs, which are metals or metal compounds, are considered the same as water releases.

Second, Table 4 shows that there are only a few industries that are responsible for the majority of these releases. For example, as seen in the total on-site and off-site releases column in Table 4, the electric utilities, the metal mining and the primary metal products industry contribute a major portion of the total releases. These three industries together account for 100,199,255 pounds of releases, or 76.6 percent of the total. Two of these industries are closely related. The metal mining industry, which is made up of six lead mines located in southeast Missouri, supplies the lead ore that is processed in the Doe Run Company smelters located in Herculaneum and Glover, Missouri. The Doe Run Company smelters are not the only facilities in the primary metals industry, but they do contribute a significant portion of this industry's releases.

There are also other significant industry sectors shown in Table 4: the Chemical and Allied Products industry at 10,582,519 pounds; the Transportation Equipment industry, which are auto and truck manufacturers, at 7,074,566 pounds; the Rubber and Plastic Products industry at 3,206,953 pounds; and the Food Products industry at 2,653,746 pounds. Together, these four industries account for an additional 23,517,784 pounds of releases, or 18.0 percent.

Thus, these four industries combined with the electric utilities, metal mining and primary metal product industries account for 94.6 percent of all the releases reported. There are a couple of additional industries shown in Table 4 that have over a million pounds of releases but these industries will not be discussed further in this report. See Appendix C for more details on specific companies or call the Environmental Assistance Office at 1-800-361-4827 or 573-526-6627 for additional information.



**Table 4**  
**2000 On-site & Off-site Releases by Industry Sector**

SIC Code	Industry Sector Description	No. of Facilities	No. of Reports (2)	On-site Releases			Off-site Releases		On- & Off-site
				AIR	LAND	WATER	POTW - METALS(3)	DISPOSAL	TOTAL
10	Metal Mining (1)	6	18	149,992	46,794,230	16,181	0	0	46,960,403
12	Coal Mining (1)	0	0	0	0	0	0	0	0
20	Food Products	59	124	1,985,121	78,328	537,971	250	52,076	2,653,746
21	Tobacco Products	0	0	0	0	0	0	0	0
22	Textile Products	1	1	704	0	0	0	0	704
23	Apparel & Other Finished Fabric Products	0	0	0	0	0	0	0	0
24	Lumber & Wood Products	9	20	42,974	0	10	0	0	42,984
25	Furniture & Fixtures	6	9	61,812	0	0	250	0	62,062
26	Paper & Allied Products	4	5	3,574	0	0	0	0	3,574
27	Printing, Publishing & Allied Products	8	15	101,070	0	0	0	0	101,070
28	Chemical and Allied Products	105	535	9,120,196	22,036	1,207,914	36,083	196,290	10,582,519
29	Petroleum Refining & Related Industries	26	63	35,367	3,400	5	0	5,337	44,109
30	Rubber & Plastic Products	53	115	2,699,179	18,982	24	1,051	487,717	3,206,953
31	Leather & Leather Products	4	9	34,004	0	20	20,190	188,070	242,284
32	Stone, Clay, Glass & Concrete Products	23	168	866,582	1,041,709	10	0	18,477	1,926,778
33	Primary Metal Products	55	160	1,631,358	23,009,172	2,943	1,654	3,142,517	27,787,644
34	Fabricated Metal Products	65	217	1,930,597	11,627	44,566	5,131	338,341	2,330,262
35	Industrial & Commercial Machinery	36	88	713,436	11	0	4,687	36,286	754,420
36	Electrical Equipment & Components	38	107	447,467	0	18	33,010	866,206	1,346,701
37	Transportation Equipment	48	208	6,803,120	0	324	27,609	243,513	7,074,566
38	Measurement, Analytical, Photographic Equip.	8	13	52,677	29	5	48	250	53,009
39	Miscellaneous Manufacturing	4	11	72,550	0	0	0	7,750	80,300
9711	Federal Facilities	1	1	240	0	0	0	0	240
49	Electric Utilities (4911, 4931 & 4939 only) (1)	19	154	11,498,764	13,704,690	136,688	10	111,056	25,451,208
4953	Treatment, Storage, Disposal Facilities (1)	2	2	750	0	0	0	0	750
5169	Chemical Distributors (1)	18	145	78,663	0	0	0	90	78,753
5171	Petroleum Bulk Plants/Terminals (1)	7	57	46,635	1,100	10	0	30	47,775
7389	Solvent Recovery Facilities (1)	5	10	105	0	0	0	0	105
Totals =				38,376,937	84,687,282	1,946,689	129,978	5,694,783	130,835,669

Source: Missouri TRI Database - 2000 data

(All release units are in pounds.)

(1) New Industry Sectors that started reporting in 1998.

(2) Number of Form R or Form As submitted.

(3) Discharges of metals to POTWs are considered releases to the environment.

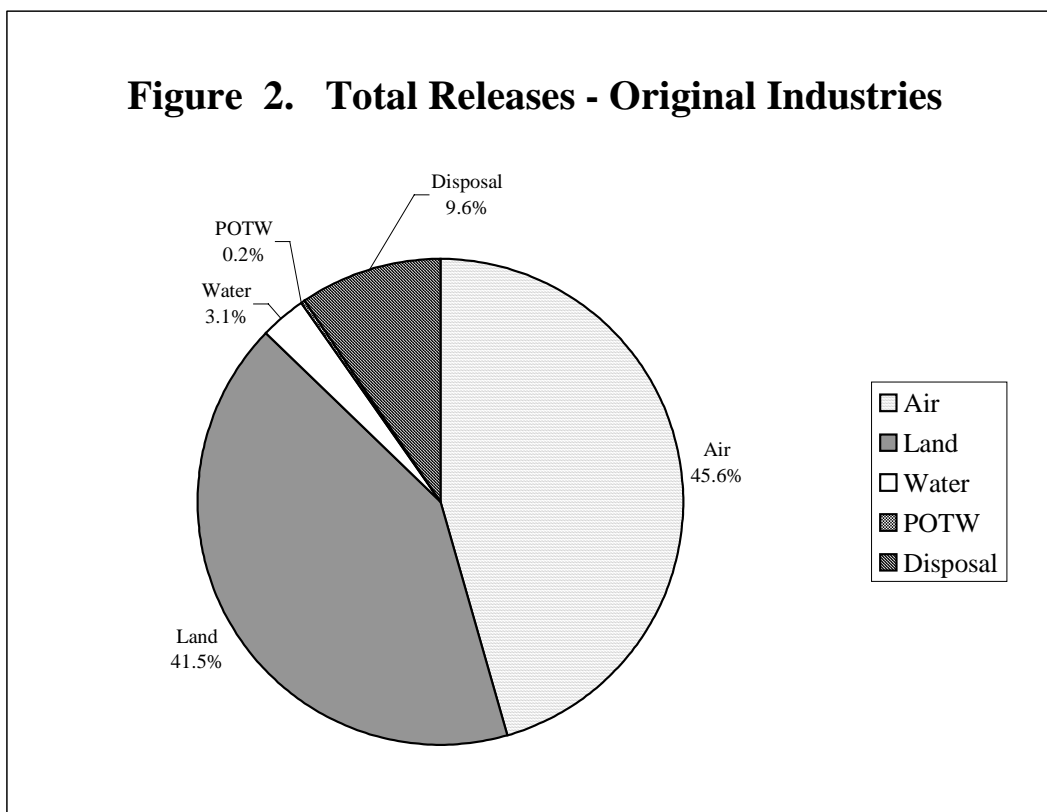
### **Releases by Media**

As shown in Figure 1, when all industries are summed together, the release to land is 64.7 percent, to air is 29.3 percent and to water is 1.5 percent. Releases to POTW and Disposal equaled 0.1 percent and 4.4 percent respectively.

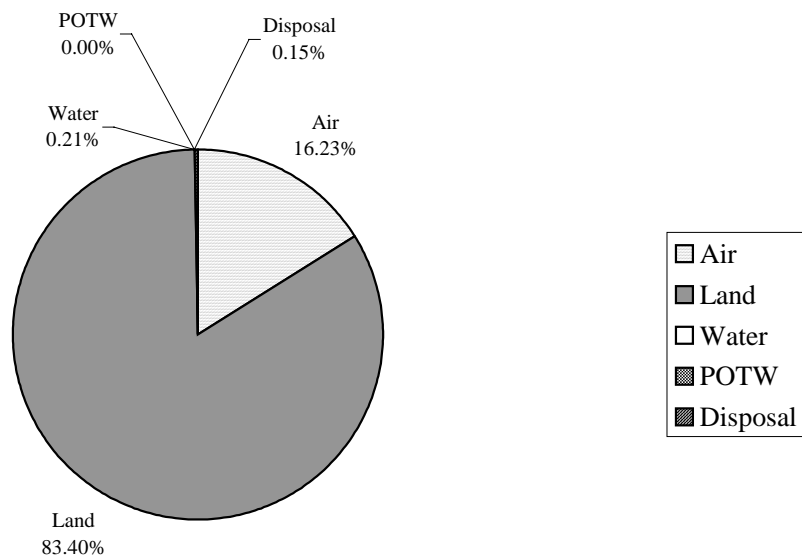
Figure 2 shows the releases by media when only the original industries are included. As can be seen, there is a significant shift to air releases (45.6 percent). If the land and disposal releases are summed, they equal 51.1 percent.

However, a very large shift to land releases is seen when looking only at the new industry facilities (see Figure 3). Here, land release is a much larger percentage, 83.4 percent, of their releases. This is primarily due to the large land releases by the metal mining and electric utility industries (see Table 4).

A table showing the sums represented in Figures 1, 2 and 3 is shown in Table 5.



**Figure 3. Total Releases - New Industries**



**Table 5  
Industry Sums by Media**

Media	Original	New	Total
Air	26,602,028	11,774,909	38,376,937
Land	24,186,007	60,501,275	84,687,282
Water	1,793,810	152,879	1,946,689
POTW	129,968	10	129,978
Disposal	5,583,607	111,176	5,694,783

## **Top Chemicals**

Another way to look at the TRI data is by the volume of chemicals released. Table 6 is a listing of the top forty chemicals reported in Missouri. The table looks at a given chemical and sums up the total amount of this chemical that was reported by all the facilities. The chemicals are sorted in descending order by the total pounds reported. As can be seen, the top three chemicals are zinc compounds (39,974,148 pounds), lead compounds (27,596,107 pounds) and barium compounds (11,355,830 pounds). The zinc and lead compounds are primarily land releases reported by the mining industry. The barium compounds are land releases reported by the electric utilities. Hydrochloric acid at 8,742,140 pounds is primarily air releases reported by the electric utilities. Methanol at 7,697,826 pounds is a chemical primarily released by the charcoal industry. These forty chemicals account for over 99.2 percent of the total releases reported in Tables 3 and 4. They account for 98.2 percent of the air releases, 99.9 percent of the land releases, and 99.8 percent of the water releases.

## **Top Facilities**

The top 40 facilities that reported the greatest total releases are shown in Table 7. This table sums all of the chemicals reported by a given facility and then sorts the facilities in descending order by total on-site and off-site releases. As can be seen, many of the top ranked facilities are either mines (SIC 1031) or electric utilities (SIC 4911). Mine releases are primarily land releases, and electric utilities report both air and land releases. The companies designated by the SIC code of 2861 are the charcoal manufacturers. Their releases are primarily air releases of methanol.

By scanning down the SIC code column in Table 7, one can see that many of the

industries mentioned earlier are represented in this list of forty companies. These forty companies account for over 89.1 percent of all the air releases, 99.4 percent of all the land releases and 55.8 percent of all the water releases. For details on the chemicals released by individual companies in your county, see Appendix C. This appendix sorts releases by county by company and then by chemical.

**Table 6**  
**Top Forty (40) Chemicals Reported in Missouri**

CHEMICAL NAME	CAS NUMBER	On-site Releases			Off-site Releases		TOTAL
		AIR	LAND	WATER	POTW - METALS	DISPOSAL	
ZINC COMPOUNDS	N982	561,441	38,905,521	19,193	7,300	480,693	39,974,148
LEAD COMPOUNDS	N420	482,894	24,737,703	6,621	856	2,368,033	27,596,107
BARIUM COMPOUNDS	N040	180,345	10,953,512	109,173	5	112,795	11,355,830
HYDROCHLORIC ACID ("ACID AEROSOLS" ONLY)	7647010	8,598,145	0	0	0	143,995	8,742,140
METHANOL	67561	7,691,214	0	6,266	0	346	7,697,826
COPPER COMPOUNDS	N100	38,164	4,909,320	3,229	1,270	354,388	5,306,371
XYLENE (MIXED ISOMERS)	1330207	3,148,181	0	5	0	3,731	3,151,917
ALUMINUM (FUME OR DUST)	7429905	3,477	2,583,675	255	255	171,926	2,759,588
HYDROGEN FLUORIDE	7664393	2,470,553	0	0	0	2	2,470,555
CERTAIN GLYCOL ETHERS	N230	1,694,733	3,400	5	0	59,971	1,758,109
TOLUENE	108883	1,662,751	1,100	23	0	528	1,664,402
SULFURIC ACID ("ACID AEROSOLS" ONLY)	7664939	1,551,291	8,050	5	0	0	1,559,346
NITRATE COMPOUNDS	N511	25	1,583	1,386,610	0	110,226	1,498,444
STYRENE	100425	1,284,739	0	0	0	2,184	1,286,923
N-HEXANE	110543	1,187,538	0	5	0	20	1,187,563
AMMONIA	7664417	663,553	78,306	392,353	0	47,966	1,182,178
METHYL ETHYL KETONE	78933	1,082,563	0	0	0	255	1,082,818
METHYL ISOBUTYL KETONE	108101	939,733	0	5	0	250	939,988
1-CHLORO-1,1-DIFLUOROETHANE	75683	916,000	0	0	0	0	916,000
MANGANESE COMPOUNDS	N450	18,394	350,543	6,364	69,071	393,422	837,794
N-BUTYL ALCOHOL	71363	836,111	0	6	0	753	836,870
ETHYLBENZENE	100414	660,179	0	0	0	260	660,439
NICKEL COMPOUNDS	N495	11,780	586,822	5,268	2,353	51,816	658,039
VANADIUM COMPOUNDS	N770	3,582	606,000	30	0	5	609,617
COBALT COMPOUNDS	N096	845	557,602	7	0	0	558,454
TRICHLOROETHYLENE	79016	509,393	0	0	0	0	509,393
ANTIMONY COMPOUNDS	N010	2,781	42,149	460	250	455,890	501,530
CHROMIUM COMPOUNDS	N090	31,772	134,336	4,687	1,570	298,241	470,606
CHLOROETHANE	75003	390,923	0	0	0	0	390,923
1,2,4-TRIMETHYLBENZENE	95636	370,674	0	10	0	267	370,951
DI(2-ETHYLHEXYL) PHTHALATE	117817	3,059	1,232	0	0	201,894	206,185
COPPER	7440508	22,823	9,821	612	1,660	134,247	169,163
CHLORODIFLUOROMETHANE	75456	166,983	0	0	0	250	167,233
MANGANESE	7439965	13,836	62,518	1,051	540	74,913	152,858
1,1-DICHLORO-1-FLUOROETHANE	1717006	141,893	0	0	0	0	141,893
DICHLOROMETHANE	75092	120,628	0	0	0	0	120,628
NICKEL	7440020	42,564	46,653	272	2,052	20,946	112,487
N-METHYL-2-PYRROLIDONE	872504	96,651	0	0	0	13,525	110,176
PHENOL	108952	77,990	15	0	0	952	78,957
ALUMINUM OXIDE (FIBROUS FORMS)	1344281	93	36,574	5	5	36,454	73,131
Source: Missouri TRI Database - 2000 data	Sub Totals=	37,680,294	84,616,435	1,942,520	87,187	5,541,144	129,867,580

(All units are in pounds.)

**Table 7**  
**Top Forty (40) Facilities Showing Greatest Releases**

FACILITY NAME	CITY	COUNTY	SIC CODE	On-site Releases			Off-site Releases		
				AIR	LAND	WATER	POTW - METALS	DISPOSAL	TOTAL
BRUSHY CREEK MINE/MILL	BUNKER	REYNOLDS	1031	33,021	17,594,009	2,154	0	0	17,629,184
DOE RUN CO. HERCULANEUM SMELTER	HERCULANEUM	JEFFERSON	3339	321,911	16,807,498	520	997	709	17,131,635
BUICK MINE/MILL	BOSS	IRON	1031	47,026	11,168,013	3,247	0	0	11,218,286
FLETCHER MINE/MILL	BUNKER	REYNOLDS	1031	29,311	7,735,105	750	0	0	7,765,166
DOE RUN CO. GLOVER SMELTER	GLOVER	IRON	3339	53,652	5,948,046	19	0	522	6,002,239
SIOUX POWER STATION	WEST ALTON	ST CHARLES	4911	3,514,535	1,501,125	9,225	0	0	5,024,885
VIBURNUM MINES/MILL	VIBURNUM	IRON	1031	26,556	4,937,371	9,030	0	0	4,972,957
AMEREN MERAMEC POWER STATION	SAINT LOUIS	SAINT LOUIS CITY	4911	3,716,069	802,068	12,894	0	0	4,531,031
AMEREN LABADIE POWER STATION	LABADIE	FRANKLIN	4911	712,202	3,334,168	39,607	0	0	4,085,977
SWEETWATER MINE/MILL	ELLINGTON	REYNOLDS	1031	13,068	3,706,022	500	0	0	3,719,590
ROYAL OAK ENTERPRISES INC. ELLSINORE MO.	ELLSINORE	CARTER	2861	3,082,896	0	0	0	0	3,082,896
CRAIG IND. LEASED TO ROYAL OAK ENTS.	SUMMERSVILLE	SHANNON	2861	2,870,640	0	0	0	0	2,870,640
DOE RUN CO. RECYCLING FACILITY	BOSS	IRON	3341	38,103	0	750	0	2,716,813	2,755,666
RUSH ISLAND POWER STATION	FESTUS	JEFFERSON	4911	362,733	2,119,145	52,581	0	0	2,534,459
FORD MOTOR CO. KANSAS CITY ASSEMBLY PLANT	CLAYCOMO	CLAY	3711	2,043,998	0	0	8,080	37,905	2,089,983
THOMAS HILL ENERGY CENTER POWER DIV.	CLIFTON HILL	RANDOLPH	4911	389,248	1,352,096	2,510	0	21	1,743,875
NEW MADRID POWER PLANT	MARSTON	NEW MADRID	4911	363,597	1,361,000	10,015	0	275	1,734,887
WESTFORK MINE/MILL	BUNKER	REYNOLDS	1031	1,010	1,653,710	500	0	0	1,655,220
DOW CHEMICAL CO. RIVERSIDE SITE	PEVELY	JEFFERSON	3086	1,310,832	0	0	0	0	1,310,832
GMC WENTZVILLE ASSEMBLY	WENTZVILLE	ST CHARLES	3713	1,041,825	0	0	10,720	113,500	1,166,045
FORD MOTOR CO. ST. LOUIS ASSEMBLY	HAZELWOOD	ST LOUIS	3711	1,024,498	0	0	5,890	17,115	1,047,503
SIBLEY GENERATING STATION	SIBLEY	JACKSON	4911	239,189	793,390	6,102	0	0	1,038,681
JAMES RIVER POWER STATION	SPRINGFIELD	GREENE	4931	494,210	477,120	2,881	0	0	974,211
SILGAN CONTAINERS MFG. CORP.	SAINT JOSEPH	BUCHANAN	3411	870,477	0	0	0	0	870,477
ROYAL OAK ENTERPRISES INC.	LICKING	TEXAS	2861	858,960	0	0	0	0	858,960
SIKESTON POWER STATION	SIKESTON	SCOTT	4911	123,745	703,700	0	0	0	827,445
HOLNAM INC. CLARKSVILLE PLANT	CLARKSVILLE	PIKE	3241	253,148	525,953	0	0	0	779,101
ASBURY GENERATING STATION	ASBURY	JASPER	4911	343,659	363,681	0	0	0	707,340
DYNO NOBEL INC. LOMO PLANT	LOUISIANA	PIKE	2873	153,600	0	546,900	0	0	700,500
TEVA PHARMACEUTICALS USA INC.	MEXICO	AUDRAIN	2834	651,767	0	0	21,346	0	673,113
RIVER CEMENT CO.	FESTUS	JEFFERSON	3241	186,540	416,272	0	0	0	602,812
3M NEVADA PLANT	NEVADA	VERNON	3081	524,215	0	9	16	67,070	591,310
ST. LOUIS NORTH ASSEMBLY PLANT	FENTON	ST LOUIS	3711	567,257	0	0	1,030	6,490	574,777
IATAN GENERATING STATION	WESTON	PLATTE	4911	144,021	430,026	0	0	0	574,047
MONTROSE	CLINTON	HENRY	4911	129,961	410,521	0	0	0	540,482
COLUMBIA MUNICIPAL POWER PLANT	COLUMBIA	BOONE	4911	490,991	587	0	0	0	491,578
EFCO CORP.	MONETT	BARRY	3354	430,010	0	0	10	29,284	459,304
ANHEUSER-BUSCH INC.	SAINT LOUIS	SAINT LOUIS CITY	2082	451,213	20	0	0	0	451,233
BIOKYOWA/KYOWA FOODS	CAPE GIRARDEAU	CAPE GIRARDEAU	2048	7,351	0	386,750	0	967	395,068
NORANDA ALUMINUM INC.	NEW MADRID	NEW MADRID	3334	385,304	0	0	0	160	385,464
Sub Totals =				28,302,349	84,140,646	1,086,944	48,089	2,990,831	116,568,859
Source: Missouri TRI Database - 2000 data									

(All units are in pounds.)

## **Water Releases**

Although water releases are a relatively small percentage of the total releases reported, they are significant in that water greatly influences our environment. A listing of the top forty facilities and the chemicals they reported as water releases is shown in Table 8. Some of the largest water releases are nitrate compounds and ammonia. Barium compounds are also significant releases. Many of the companies that reported water releases are the electric utilities (SIC 4911) and the metal mines (SIC 1031). However, some of the largest releases are also from fertilizer plants, such as Dyno Nobel, Inc., or explosives manufacturers, such as Joplin Manufacturing, Inc. Food manufacturers, such as Biokyowa and Premium Standard Farms, also reported significant releases of nitrate compounds.

These forty facilities account for over 98 percent of all the water releases reported in Missouri (refer to Tables 3 and 4).

**Table 8**  
**Top Forty (40) Facilities Reporting the Greatest Water Releases by Chemical**

FACILITY NAME	CITY	COUNTY	SIC CODE	CHEMICAL NAME	STREAM NAME	RELEASES
DYNO NOBEL INC. LOMO PLANT	LOUISIANA	PIKE	2873	NITRATE COMPOUNDS	MISSISSIPPI RIVER	540,000
BIOKYOWA FOODS	CAPE GIRARDEAU	CAPE GIRARDEAU	2048	AMMONIA	MISSISSIPPI RIVER	376,000
JOPLIN MFG. INC.	CARTHAGE	JASPER	2892	NITRATE COMPOUNDS	GROVE CREEK	240,000
CRYSTAL CITY NITROGEN	FESTUS	JEFFERSON	2873	NITRATE COMPOUNDS	MISSISSIPPI RIVER	180,040
BASF CORP. HANNIBAL PLANT	PALMYRA	MARION	2879	NITRATE COMPOUNDS	MISSISSIPPI RIVER	180,000
PREMIUM STANDARD FARMS	MILAN	SULLIVAN	2011	NITRATE COMPOUNDS	UNNAMED TRIB EAST FORK LOCUST CREEK	146,402
RUSH ISLAND POWER STATION	FESTUS	JEFFERSON	4911	BARIUM COMPOUNDS	MISSISSIPPI RIVER	43,000
PLASTENE SUPPLY CO.	PORTAGEVILLE	NEW MADRID	3471	NITRATE COMPOUNDS	PORTAGE OPEN BAY DITCH	41,500
JOPLIN MFG. INC.	CARTHAGE	JASPER	2892	NITRATE COMPOUNDS	GROVE CREEK	38,000
AMEREN LABADIE POWER STATION	LABADIE	FRANKLIN	4911	BARIUM COMPOUNDS	MISSOURI RIVER	32,000
BIOKYOWA/KYOWA FOODS	CAPE GIRARDEAU	CAPE GIRARDEAU	2048	NITRATE COMPOUNDS	MISSISSIPPI RIVER	10,500
NEW MADRID POWER PLANT	MARSTON	NEW MADRID	4911	BARIUM COMPOUNDS	MISSISSIPPI RIVER	10,000
AMEREN MERAMEC POWER STATION	SAINT LOUIS	SAINT LOUIS CITY	4911	BARIUM COMPOUNDS	MISSISSIPPI RIVER	9,500
DYNO NOBEL INC. LOMO PLANT	LOUISIANA	PIKE	2873	AMMONIA	MISSISSIPPI RIVER	6,900
SIOUX POWER STATION	WEST ALTON	ST CHARLES	4911	BARIUM COMPOUNDS	MISSISSIPPI RIVER	6,800
BAYER CORP. AGRICULTURE DIV.	KANSAS CITY	JACKSON	2879	METHANOL	MISSOURI RIVER	6,011
KINGSFORD MFG. CO.	BELLE	MARIES	2861	NITRATE COMPOUNDS	UNNAMED TRIB OF DRY FORK CREEK	4,039
JOPLIN MFG. INC.	CARTHAGE	JASPER	2892	AMMONIA	GROVE CREEK	3,600
SIBLEY GENERATING STATION	SIBLEY	JACKSON	4911	BARIUM COMPOUNDS	MISSOURI RIVER	3,396
VIBURNUM MINES/MILL	VIBURNUM	IRON	1031	ZINC COMPOUNDS	INDIAN CREEK	3,367
AMEREN LABADIE POWER STATION	LABADIE	FRANKLIN	4911	ZINC COMPOUNDS	MISSOURI RIVER	3,300
DYNO NOBEL INC. CARTHAGE PLANT	CARTHAGE	JASPER	2892	NITRATE COMPOUNDS	CENTER CREEK	3,256
VIBURNUM MINES/MILL	VIBURNUM	IRON	1031	LEAD COMPOUNDS	CROOKED CREEK	3,085
RUSH ISLAND POWER STATION	FESTUS	JEFFERSON	4911	NICKEL COMPOUNDS	MISSISSIPPI RIVER	2,900
RUSH ISLAND POWER STATION	FESTUS	JEFFERSON	4911	ZINC COMPOUNDS	MISSISSIPPI RIVER	2,900
SIMMONS FOODS INC.	SOUTH WEST CITY	MC DONALD	2015	NITRATE COMPOUNDS	UNNAMED TRIB TO CAVE SPRINGS BRNCH	2,868
BUICK MINE/MILL	BOSS	IRON	1031	ZINC COMPOUNDS	STROTHER CREEK	2,747
JAMES RIVER POWER STATION	SPRINGFIELD	GREENE	4931	BARIUM COMPOUNDS	JAMES RIVER	2,600
RUSH ISLAND POWER STATION	FESTUS	JEFFERSON	4911	CHROMIUM COMPOUNDS	MISSISSIPPI RIVER	2,500
AMEREN LABADIE POWER STATION	LABADIE	FRANKLIN	4911	MANGANESE COMPOUNDS	MISSOURI RIVER	2,200
BASF CORP. HANNIBAL PLANT	PALMYRA	MARION	2879	AMMONIA	MISSISSIPPI RIVER	2,000
SIBLEY GENERATING STATION	SIBLEY	JACKSON	4911	MANGANESE COMPOUNDS	MISSOURI RIVER	1,819
BAYER CORP. AGRICULTURE DIV.	KANSAS CITY	JACKSON	2879	AMMONIA	MISSOURI RIVER	1,464
VIBURNUM MINES/MILL	VIBURNUM	IRON	1031	ZINC COMPOUNDS	CROOKED CREEK	1,328
BRUSHY CREEK MINE/MILL	BUNKER	REYNOLDS	1031	ZINC COMPOUNDS	BILLS CREEK	1,154
BAYER CORP. AGRICULTURE DIV.	KANSAS CITY	JACKSON	2879	HYDRAZINE	MISSOURI RIVER	1,141
AMEREN LABADIE POWER STATION	LABADIE	FRANKLIN	4911	NICKEL COMPOUNDS	MISSOURI RIVER	1,000
RUSH ISLAND POWER STATION	FESTUS	JEFFERSON	4911	MANGANESE COMPOUNDS	MISSISSIPPI RIVER	1,000
SIOUX POWER STATION	WEST ALTON	ST CHARLES	4911	ZINC COMPOUNDS	MISSISSIPPI RIVER	940
AMEREN MERAMEC POWER STATION	SAINT LOUIS	SAINT LOUIS CITY	4911	ZINC COMPOUNDS	MISSISSIPPI RIVER	940
Source: Missouri TRI Database - 2000 data						Sub Total = 1,909,411

(All units are in pounds.)

## **Persistent, Bioaccumulative and Toxic Chemicals**

The RY2000 is the first year that this class or category of chemicals has been reported. Although some of these chemicals have been on the TRI chemical list previously, their reporting threshold was too high to capture significant releases. The following section will discuss the releases of these chemicals and which companies reported the greatest releases.

Rather than grouping all of the PBT chemicals together, they will be discussed separately in categories. Currently, only one metal is listed as a PBT chemical. That metal is mercury and mercury compounds. Although lead and lead compounds are not technically considered PBT chemicals until 2001, they will be discussed here as a chemical of concern. These two metals will be discussed first. A group of PBT chemicals that are not metals, but are various organic compounds, will be discussed next as organic PBT chemicals. Finally, dioxin and dioxin like compounds will be discussed.

General information about PBT chemicals can be found on EPA's web site at <http://www.epa.gov/opptintr/pbt.home.htm>.

### **Lead and Lead Compounds**

The reporting threshold for lead and lead compounds will not be lowered to one hundred (100) pounds until the 2001 reporting year. However, because lead does persist in the environment, does bioaccumulate and is toxic, it was deemed necessary to begin an emphasized reporting for it this year.

In reporting year 2000, fifty (50) companies reported some level of releases of lead or lead compounds. A listing of these fifty

companies and their reported releases by media is shown in Table 9.

Review of the 1999 data for lead does show that there has been a reduction of 2,487,587 pounds in the total releases. This change was primarily due to decreased land releases. In 1999, land releases equaled 28,342,904 pounds. Table 9 shows that the total land release for 2000 was 24,758,708 pounds, a decrease of 3,584,202 pounds. Similar but smaller decreases were seen in air and water releases, 18,481 and 1,100 pounds, respectively. POTW releases decreased by 2,845 pounds, but off-site disposal increased by 1,119,050 pounds.

As seen in Table 9, the greatest total releases of lead and lead compounds are reported by the lead mines (SIC 1031) in southern Missouri, which are in Iron and Reynolds counties. The Doe Run Company smelters in Herculaneum and Glover, in Jefferson and Iron counties, are also significant contributors.

Table 9 also shows that the vast majority of these releases are land releases. This is true for most of the releases reported. Although land releases are the greatest by total quantity, air and water releases are also of significant concern. Air releases are perhaps the greatest concern because this is a pathway that can rapidly affect a large number of people. The Doe Run smelter in Herculaneum is the largest reporter of lead releases to air, at 279,600 pounds (see Table 9).

One of the main concerns about lead in Herculaneum is the lead contamination that has occurred during the transport of the lead ore from the mines to the smelters. These releases are not reported under the TRI

because they are transportation related and are outside the boundaries of the reporting facilities. However, the fact that they are not reported under the TRI does not mean these releases are not of a concern from a health perspective.

The Department of Natural Resources and the U.S. EPA are currently working with the Doe Run Company to reduce their air and land releases. Questions about lead contamination in the Herculaneum area can be directed to the Department of Natural Resources at 1-800-361-4827 or 573-526-6627, or the U.S. EPA at 1-800-223-0425.

An internet web site that has information about the lead contamination in Herculaneum can be found at: <http://www.dnr.state.mo.us/env/herc.htm>.

As stated previously, releases to water are also a concern. Companies that reported releases of lead and lead compounds to Missouri streams are shown in Table 10.

### **Mercury and Mercury Compounds**

The reporting threshold for mercury and mercury compounds was lowered to ten (10) pounds for reporting year 2000. Prior to this year, the reporting thresholds were 25,000 or 10,000 pounds depending on the use. This change had a very significant impact on the number of companies that reported. In 1999, there were no reports for mercury or mercury compounds. In 2000, there were a total of thirty-three (33). Of these, thirty-one (31) reported some volume of mercury and mercury compound releases. The companies that reported these releases for RY2000 are listed in Table 11.

Looking at Table 11, one can see that the largest releases of mercury and mercury compounds are from the electric utilities

(SIC Code 4911 or 4931). They burn large volumes of coal and coal contains trace amounts of mercury. Companies with the SIC code 3241 are the large cement kilns around Missouri. They also burn large volumes of coal.

As seen in Table 11, the total volume of releases of mercury and mercury compounds are relatively low (4,387.48 pounds) compared to releases of lead or lead compounds or other TRI chemicals. However, due to the persistent, bioaccumulative and toxic nature of mercury, these levels of releases are considered significant and need to be taken into consideration when evaluating health impacts.

More information about mercury and mercury compounds can be found on the internet at the EPA web site, <http://www.epa.gov/mercury/index.html>.

A fact sheet about mercury impaired waters in Missouri can be accessed on the internet at <http://www.dnr.state.mo.us/wpscd/wpcp/tmdl/info/mercury-info.pdf>.

A fish advisory published by the Missouri Department of Health can be accessed at <http://www.dhss.state.mo.us/newsreleases/01fishadvisory.html>. This advisory, in part, deals with fish that are contaminated with mercury in Missouri.

Table 12 provides a listing of reported releases of mercury compounds to Missouri streams. These were the only reported releases of mercury to waters of the state.

**Table 9**  
**Facilities Reporting Releases of LEAD and LEAD COMPOUNDS in Missouri**

FACILITY NAME	CITY	COUNTY	SIC CODE	On-site Releases			Off-site Releases		TOTALS
				AIR	LAND	WATER	POTW	DISPOSAL	
BUICK MINE/MILL	BOSS	IRON	1031	33,933	5,673,115	250	0	0	5,707,298
FLETCHER MINE/MILL	BUNKER	REYNOLDS	1031	25,981	4,922,039	250	0	0	4,948,270
BRUSHY CREEK MINE/MILL	BUNKER	REYNOLDS	1031	24,290	4,882,354	750	0	0	4,907,394
DOE RUN CO. RECYCLING FACILITY	BOSS	IRON	3341	36,598	0	250	0	2,294,814	2,331,662
VIBURNUM MINES/MILL	VIBURNUM	IRON	1031	20,499	2,304,807	3,835	0	0	2,329,141
DOE RUN CO. HERCULANEUM SMELTER	HERCULANEUM	JEFFERSON	3339	279,600	1,987,518	262	750	510	2,268,640
SWEETWATER MINE/MILL	ELLINGTON	REYNOLDS	1031	11,231	2,170,248	250	0	0	2,181,729
DOE RUN CO. GLOVER SMELTER	GLOVER	IRON	3339	42,856	1,676,392	3	0	522	1,719,773
WESTFORK MINE/MILL	BUNKER	REYNOLDS	1031	755	880,420	250	0	0	881,425
HOLNAM INC. CLARKSVILLE PLANT	CLARKSVILLE	PIKE	3241	250	59,200	0	0	0	59,450
GE LIGHTING ST. LOUIS LAMP PLANT	SAINT LOUIS	SAINT LOUIS CITY	3641	255	0	0	5	58,000	58,260
RIVER CEMENT CO.	FESTUS	JEFFERSON	3241	32,910	21,000	0	0	0	53,910
EXIDE TECHS. CANON HOLLOW PLANT	FOREST CITY	HOLT	3341	360	53,000	2	0	0	53,362
CONTINENTAL CEMENT CO. L.L.C.	HANNIBAL	RALLS	3241	500	40,000	0	0	281	40,781
AMERON MERAMEC POWER STATION	SAINT LOUIS	SAINT LOUIS CITY	4911	560	29,000	54	0	0	29,614
SIOUX POWER STATION	WEST ALTON	ST CHARLES	4911	880	22,060	95	0	0	23,035
LONE STAR INDS. INC.	CAPE GIRARDEAU	CAPE GIRARDEAU	3241	5	21,800	0	0	0	21,805
AMERON LABADIE POWER STATION	LABADIE	FRANKLIN	4911	290	15,000	87	0	0	15,377
3M NEVADA PLANT	NEVADA	VERNON	3081	0	0	0	0	6,600	6,600
H-J ENTERPRISES INC.	HIGH RIDGE	JEFFERSON	3643	105	0	0	0	6,175	6,280
ESSEX GROUP INC.	SIKESTON	SCOTT	3357	0	0	0	0	5,416	5,416
HAWKER POWER SYS. INC.	SPRINGFIELD	GREENE	3691	40	0	0	0	3,000	3,040
GMC WENTZVILLE ASSEMBLY	WENTZVILLE	ST CHARLES	3713	13	0	0	280	2,500	2,793
GST STEEL CO. A DIV. OF GS TECHS.	KANSAS CITY	JACKSON	3312	1,750	0	250	0	0	2,000
MODINE MFG. CO.	JEFFERSON CITY	COLE	3714	204	0	250	11	1,187	1,652
ACOUSTISEAL INC.	SAINT LOUIS	SAINT LOUIS CITY	2891	0	750	0	0	750	1,500
MODINE MFG. CO.	TRENTON	GRUNDY	3714	59	0	36	9	893	997
EAGLE-PICHER TECHS. L.L.C.	JOPLIN	JASPER	2816	690	0	5	13	0	708
3M COLUMBIA	COLUMBIA	BOONE	3674	0	0	0	33	477	510
MIDCO INDS. INC.	SAINT LOUIS	SAINT LOUIS CITY	3369	500	0	0	0	0	500
JOHNSON CONTROLS BATTERY GROUP	SAINT JOSEPH	BUCHANAN	3691	460	0	0	2	0	462
LAKE CITY ARMY AMMUNITION PLANT	INDEPENDENCE	JACKSON	3482	78	0	23	42	221	364
EAGLE-PICHER TECH. L.L.C.	SENECA	NEWTON	3691	325	0	5	0	0	330
SIERRA BULLETS L.L.C.	SEDALIA	PETTIS	3482	0	0	5	5	250	260
LEGGETT & PLATT WIRE MILL	CARTHAGE	JASPER	3315	255	0	0	0	0	255
FLEX-O-LITE INC.	FENTON	ST LOUIS	3231	217	0	0	0	0	217
POLY ONE CORP.	SAINT LOUIS	SAINT LOUIS CITY	3087	0	0	0	0	173	173
HAWKER ENERGY PRODS. INC.	WARRENSBURG	JOHNSON	3691	22	0	0	0	146	168
MCDONNELL DOUGLAS CORP.	HAZEL WOOD	ST LOUIS	3721	5	0	0	11	120	136
NORTH AMERICAN GALVANIZING CO.	SAINT LOUIS	SAINT LOUIS CITY	3479	10	0	0	0	39	49
A. B. CHANCE CO.	CENTRALIA	BOONE	3644	40	0	0	0	2	42
FIocchi OF AMERICA INC.	OZARK	CHRISTIAN	3482	30	0	0	0	0	30
ALUMAX FOILS INC.	SAINT LOUIS	SAINT LOUIS CITY	3353	10	0	0	0	5	15
COMMERCIAL PLATING CO.	SAINT LOUIS	SAINT LOUIS CITY	3471	0	0	0	11	0	11
NORTH AMERICAN GALVANIZING CO.	KANSAS CITY	JACKSON	3479	10	0	0	0	1	11
INDECO	SAINT LOUIS	SAINT LOUIS CITY	3613	5	0	0	5	0	10
BOB MONNIG INDUS. INC.	GLASGOW	HOWARD	3479	10	0	0	0	0	10
UNIVERSAL GALVANIZING INC.	SAINT PETERS	ST CHARLES	3479	10	0	0	0	0	10
MAYTAG APPLIANCES JC6	JEFFERSON CITY	COLE	3632	4	0	0	0	3	7
BECTON DICKINSON & CO.	SAINT LOUIS	SAINT LOUIS CITY	3229	5	0	0	0	0	5
Totals =				516,610	24,758,703	6,912	1,177	2,382,085	27,665,487

Source: Missouri TRI Database - 2000 data

(All units are in pounds.)

Totals =

**Table 10**  
**Reported Releases of LEAD and LEAD COMPOUNDS to Missouri Streams**

FACILITY NAME	CITY	COUNTY	STREAM NAME	RELEASES
VIBURNUM MINES/MILL	VIBURNUM	IRON	CROOKED CREEK	3,085
VIBURNUM MINES/MILL	VIBURNUM	IRON	INDIAN CREEK	750
BRUSHY CREEK MINE/MILL	BUNKER	REYNOLDS	BILL'S CREEK	750
DOE RUN CO. HERCULANEUM SMELTER	HERCULANEUM	JEFFERSON	MISSISSIPPI RIVER	262
GST STEEL CO. A DIV. OF GS TECHS.	KANSAS CITY	JACKSON	BIG BLUE RIVER	250
BUICK MINE/MILL	BOSS	IRON	STROTHER CREEK	250
FLETCHER MINE/MILL	BUNKER	REYNOLDS	BEE FORK CREEK	250
MODINE MFG. CO.	JEFFERSON CITY	COLE	UNNAMED TRIBUTARY TO NORTH MOREAU	250
DOE RUN CO. RECYCLING FACILITY	BOSS	IRON	CROOKED CREEK	250
SWEETWATER MINE/MILL	ELLINGTON	REYNOLDS	ADAIR CREEK	250
WESTFORK MINE/MILL	BUNKER	REYNOLDS	WEST FORK OF BLACK RIVER	250
SIOUX POWER STATION	WEST ALTON	ST CHARLES	MISSISSIPPI RIVER	95
AMERON LABADIE POWER STATION	LABADIE	FRANKLIN	MISSOURI RIVER	87
AMERON MERAMEC POWER STATION	SAINT LOUIS	SAINT LOUIS CITY	MISSISSIPPI RIVER	54
MODINE MFG. CO.	TRENTON	GRUNDY	UNNAMED TRIBUTARY TO THOMPSON RIVER	36
U.S. ARMY LAKE CITY ARMY AMMUNITION PLANT	INDEPENDENCE	JACKSON	WEST FIRE PRARIE CREEK TRIBUTARY TO LITTLE BLUE RIVER	23
EAGLE-PICHER TECHS. L.L.C. CHEMICAL DEPT.	JOPLIN	JASPER	LONE ELM CREEK	5
EAGLE-PICHER TECH. L.L.C. COMMERCIAL PRODS. DEPT.	SENECA	NEWTON	LOST CREEK (BLK RIVER BASIN)	5
SIERRA BULLETS L.L.C.	SEDALIA	PETTIS	SEWER BRANCH (LAMINE RIVER BASIN)	5
DOE RUN CO. GLOVER SMELTER	GLOVER	IRON	SCOGGINS BRANCH	3
EXIDE TECHS. CANON HOLLOW PLANT	FOREST CITY	HOLT	CANON CREEK	2
Source: Missouri TRI Database - 2000 data			(All units are in pounds.)	Total = 6,912

**Table 11**  
**Facilities Reporting Releases of MERCURY and MERCURY COMPOUNDS in Missouri**

FACILITY NAME	CITY	COUNTY	SIC CODE	On-site Releases			Off-site Releases		TOTAL
				AIR	LAND	WATER	POTW - METALS	DISPOSAL	
AMEREN LABADIE POWER STATION	LABADIE	FRANKLIN	4911	658.5	168	0	0	0	826.50
RUSH ISLAND POWER STATION	FESTUS	JEFFERSON	4911	414.2	145	0.7	0	0	559.90
THOMAS HILL ENERGY CENTER POWER DIV.	CLIFTON HILL	RANDOLPH	4911	291	96	0.3	0	1	388.30
EAGLE-PICHER TECHS. L.L.C. FEDERAL SYS.	JOPLIN	JASPER	3691	1	0	0	0	350	351.00
NEW MADRID POWER PLANT	MARSTON	NEW MADRID	4911	270	0	0	0	0	270.00
SIOUX POWER STATION	WEST ALTON	ST CHARLES	4911	201.1	65	0	0	0	266.10
AMEREN MERAMEC POWER STATION	SAINT LOUIS	SAINT LOUIS CITY	4911	160.8	68	0	0	0	228.80
LONE STAR INDS. INC.	CAPE GIRARDEAU	CAPE GIRARDEAU	3241	178	15	0	0	0	193.00
JAMES RIVER POWER STATION	SPRINGFIELD	GREENE	4931	70	120	1	0	0	191.00
IATAN GENERATING STATION	WESTON	PLATTE	4911	160	26	0	0	0	186.00
SIKESTON POWER STATION	SIKESTON	SCOTT	4911	181	0	0	0	0	181.00
MONTROSE	CLINTON	HENRY	4911	100	21	0	0	0	121.00
HOLNAM INC. CLARKSVILLE PLANT	CLARKSVILLE	PIKE	3241	33	78	0	0	0	111.00
ASBURY GENERATING STATION	ASBURY	JASPER	4911	34	56	0	0	0	90.00
PQ CORP. ST. LOUIS	SAINT LOUIS	SAINT LOUIS CITY	2819	83.22	0	0	0	0	83.22
SIBLEY GENERATING STATION	SIBLEY	JACKSON	4911	8	72	0	0	0	80.00
INVENSYS APPLIANCE CONTROLS	WEST PLAINS	HOWELL	3822	1	29	0	29	0	59.00
CONTINENTAL CEMENT CO. L.L.C.	HANNIBAL	RALLS	3241	48	0	0	0	0	48.00
CITY OF INDEPENDENCE	INDEPENDENCE	JACKSON	4911	3.1	23	0	0	0	26.10
ANHEUSER-BUSCH INC.	SAINT LOUIS	SAINT LOUIS CITY	2082	0.33	20	0	0	0	20.33
MALLINCKRODT INC.	SAINT LOUIS	SAINT LOUIS CITY	2833	20	0	0	0	0	20.00
MISSISSIPPI LIME CO.	SAINTE GENEVIEVE	STE GENEVIEVE	3274	18.63	0	0	0	0	18.63
UTILICORP UNITED INC. LAKE ROAD STATION	SAINT JOSEPH	BUCHANAN	4931	1	0	1	0	16	18.00
CHEMICAL LIME CO.	SAINTE GENEVIEVE	STE GENEVIEVE	3274	12.9	0	0	0	0	12.90
CHAMOI POWER PLANT	CHAMOI	OSAGE	4911	12	0	0	0	0	12.00
LAFARGE CORP. SUGAR CREEK PLANT	SUGAR CREEK	JACKSON	3241	10.2	0	0	0	0	10.20
POLY ONE CORP. FORMULATOR'S GROUP	SAINT LOUIS	SAINT LOUIS CITY	3087	0	0	0	0	6	6.00
BOEHRINGER INGELHEIM VETMEDICA INC.	SAINT JOSEPH	BUCHANAN	2836	0.1	0	0.1	2	3	5.20
3M SPRINGFIELD	SPRINGFIELD	GREENE	2891	0	0	0	0	3	3.00
U.S. ARMY LAKE CITY ARMY AMMUNITION PLANT	INDEPENDENCE	JACKSON	3482	0	0	0	0	1	1.00
MCDONNELL DOUGLAS CORP.	HAZELWOOD	ST LOUIS	3721	0.3	0	0	0	0	0.30
Source: Missouri TRI Database - 2000 data				(All units are in pounds.)			Totals =		
				2,971.38	1,002.00	3.10	31.00	380.00	4,387.48

**Table 12**  
**Reported Releases of MERCURY COMPOUNDS to Missouri Streams**

FACILITY NAME	CITY	COUNTY	CHEMICAL NAME	STREAM NAME	RELEASES
JAMES RIVER POWER STATION	SPRINGFIELD	GREENE	MERCURY COMPOUNDS	JAMES RIVER	1.000
UTILICORP UNITED INC. LAKE ROAD STATION	SAINT JOSEPH	BUCHANAN	MERCURY COMPOUNDS	MISSOURI RIVER	1.000
RUSH ISLAND POWER STATION	FESTUS	JEFFERSON	MERCURY COMPOUNDS	MISSISSIPPI RIVER	0.700
THOMAS HILL ENERGY CENTER POWER DIV.	CLIFTON HILL	RANDOLPH	MERCURY COMPOUNDS	THOMAS HILL RESERVOIR	0.200
BOEHRINGER INGELHEIM VETMEDICA INC.	SAINT JOSEPH	BUCHANAN	MERCURY COMPOUNDS	ONE HUNDRED AND TWO RIVER	0.100
THOMAS HILL ENERGY CENTER POWER DIV.	CLIFTON HILL	RANDOLPH	MERCURY COMPOUNDS	MIDDLE FORK LITTLE CHARITON RIVER	0.100
Source: Missouri TRI Database - 2000 data			(All units are in pounds.)		Total = 3.100

## **Organic PBT Chemicals**

The PBT chemicals to be discussed in this section are all of the PBT chemicals other than lead, mercury or dioxin and their compounds. These PBT chemicals are organic compounds, which are chemicals made up of carbon and hydrogen, and pesticides such as pendimethalin, trifluralin or methoxychlor.

In 1999, a total of eight (8) Form R reports were submitted for chemicals in this category. In 1999, there were only four different chemicals reported: polycyclic aromatic compounds (PACs), trifluralin, pendimethalin and methoxychlor. Specifically, there were three (3) reports for PACs, three (3) reports for trifluralin, one (1) for pendimethalin and one (1) for methoxychlor. Of the eight (8) Forms Rs submitted in 1999, only four (4) reported releases. As stated previously, some PBT chemicals were already listed as TRI chemicals. The only difference was that their reporting thresholds were much higher. For 1999, there was a total of 88,179 pounds of releases reported for these four chemicals. The bulk of these releases were air releases of polycyclic aromatic compounds (86,719 pounds) reported by Noranda Aluminum in New Madrid, Missouri.

In RY2000, there were many more companies that reported compared to the number that reported in 1999. For 2000, there were a total of seventy-three (73) reports submitted for PBT chemicals. Of these, there were a total of thirty-five (35) that reported releases. In 2000, four additional chemicals were reported: benzo (g,h,i) perylene, polychlorinated biphenyls (PCBs), hexachlorobenzene and tetrabromobisphenol A. However, only two of these additional chemicals had reported releases, benzo (g,h,i) perylene and tetra- bromobisphenol A. Therefore, the lower reporting thresholds had

a significant impact on the reporting of these chemicals.

All of the companies that reported releases of organic PBT chemicals for RY2000 are shown in Table 13. In this table and in some of the previous tables, units are shown with decimal fractions. Prior to RY2000, decimal fractions were not allowed. Units were rounded to the nearest pound. With the lower reporting thresholds, decimal fractions are now allowed and even encouraged. For the PBT chemicals discussed in this section, the smallest amount required to be reported is 0.1 pounds. However, facilities are encouraged to report the smallest decimal fraction that the data or estimation techniques allow.

In Table 13, Noranda Aluminum is at the top of the list for reporting releases of organic PBTs. However, their reported releases (3,953 pounds) are far less than that reported in 1999 (86,719 pounds). Many of the reported organic PBT releases are air releases but some of the larger releases are off-site disposal. These off-site releases may be of less concern than air releases, but further evaluation of the final fate of these chemicals is needed. Further tracking of these off-site releases is beyond the scope of this report, but the data is available. If you desire to find out more about these releases, please contact the Environmental Assistance Office at 1-800-361-4827 or 573-526-6627.

**Table 13**  
**Facilities Reporting Releases of ORGANIC PBT CHEMICALS in Missouri**

FACILITY NAME	CITY	COUNTY	SIC CODE	CHEMICAL NAME	AIR	LAND	WATER	OFF-SITE DISPOSAL	TOTAL
NORANDA ALUMINUM INC.	NEW MADRID	NEW MADRID	3334	POLYCYCLIC AROMATIC CMPD	3,953.00	0.00	0.00	0.00	3,953.000
EXCEL CORP.	MARSHALL	SALINE	2011	POLYCYCLIC AROMATIC CMPD	1,327.00	0.00	0.00	0.00	1,327.000
HARBISON WALKER REFRACTORIES	VANDALIA	AUDRAIN	3255	POLYCYCLIC AROMATIC CMPD	0.00	0.00	0.00	590.00	590.000
TAMKO ROOFING PRODS. INC.	JOPLIN	JASPER	2952	BENZO(G,H,I)PERYLENE	5.00	0.00	0.00	533.00	538.000
A. P. GREEN INDS. INC.	FULTON	CALLAWAY	3255	POLYCYCLIC AROMATIC CMPD	478.00	0.00	0.00	0.00	478.000
ALBAUGH INC.	SAINT JOSEPH	BUCHANAN	2879	TRIFLURALIN	87.00	0.00	0.00	194.00	281.000
MICHELIN AIRCRAFT TIRE CORP.	KANSAS CITY	PLATTE	3011	POLYCYCLIC AROMATIC CMPD	0.00	0.00	0.00	140.00	140.000
TAMKO ROOFING PRODS. INC.	JOPLIN	JASPER	2952	POLYCYCLIC AROMATIC CMPD	24.00	0.00	0.00	115.00	139.000
AVENTIS PHARMACEUTICALS INC.	KANSAS CITY	JACKSON	2834	POLYCYCLIC AROMATIC CMPD	119.20	0.00	0.30	0.00	119.500
BASF CORP. HANNIBAL PLANT	PALMYRA	MARION	2879	PENDIMETHALIN	43.00	1.00	22.00	0.00	66.000
TAMKO ROOFING PRODS. INC.	JOPLIN	JASPER	2952	BENZO(G,H,I)PERYLENE	0.00	0.00	0.00	40.00	40.000
SAFETY-KLEEN SYS. (503001)	CAPE GIRARDEAU	CAPE GIRARDEAU	7389	POLYCYCLIC AROMATIC CMPD	27.00	0.00	0.00	0.00	27.000
SAFETY-KLEEN SYS. (508502)	INDEPENDENCE	JACKSON	7389	POLYCYCLIC AROMATIC CMPD	27.00	0.00	0.00	0.00	27.000
HPI PRODS. INC.	SAINT JOSEPH	BUCHANAN	2879	METHOXYCHLOR	21.00	0.00	0.00	0.00	21.000
3M SPRINGFIELD	SPRINGFIELD	GREENE	2891	TETRABROMOBIPHENOL A	16.00	0.00	0.00	0.00	16.000
EXCEL CORP.	MARSHALL	SALINE	2011	BENZO(G,H,I)PERYLENE	14.00	0.00	0.00	0.00	14.000
AEROFIL TECH. INC.	SULLIVAN	FRANKLIN	2899	METHOXYCHLOR	14.00	0.00	0.00	0.00	14.000
SAFETY-KLEEN SYS. (504201)	COLUMBIA	BOONE	7389	POLYCYCLIC AROMATIC CMPD	11.00	0.00	0.00	0.00	11.000
SAFETY-KLEEN SYS. (516003)	SAINT CHARLES	ST CHARLES	7389	POLYCYCLIC AROMATIC CMPD	11.00	0.00	0.00	0.00	11.000
TAMKO ROOFING PRODS. INC.	JOPLIN	JASPER	2952	POLYCYCLIC AROMATIC CMPD	0.00	0.00	0.00	8.00	8.000
SAFETY-KLEEN SYS. (619302)	SPRINGFIELD	GREENE	7389	POLYCYCLIC AROMATIC CMPD	8.00	0.00	0.00	0.00	8.000
PHILLIPS PETROLEUM CO.	JEFFERSON CITY	COLE	5171	POLYCYCLIC AROMATIC CMPD	3.11	0.00	0.00	0.00	3.110
HOWARD JOHNSON ENTERPRISES INC.	NEOSHO	NEWTON	2875	TRIFLURALIN	1.20	0.00	0.00	1.00	2.200
J. R. SIMPLOT CO.	SAINT LOUIS	SAINT LOUIS CITY	2875	TRIFLURALIN	2.00	0.00	0.00	0.00	2.000
INTERNATIONAL PAPER	JOPLIN	JASPER	2491	POLYCYCLIC AROMATIC CMPD	0.30	0.00	0.00	0.00	0.300
BLEVINS ASPHALT CONSTRUCTION CO. INC.	CARTHAGE	JASPER	2951	POLYCYCLIC AROMATIC CMPD	0.20	0.00	0.00	0.00	0.200
ANHEUSER-BUSCH INC.	SAINT LOUIS	SAINT LOUIS CITY	2082	POLYCYCLIC AROMATIC CMPD	0.16	0.00	0.00	0.00	0.160
BLEVINS ASPHALT CONSTRUCTION CO. INC.	MOUNT VERNON	LAWRENCE	2951	POLYCYCLIC AROMATIC CMPD	0.10	0.00	0.00	0.00	0.100
BLEVINS ASPHALT CONSTRUCTION CO. INC.	CARTHAGE	JASPER	2951	POLYCYCLIC AROMATIC CMPD	0.06	0.00	0.00	0.00	0.060
OMNIUM L.L.C.	SAINT JOSEPH	BUCHANAN	2879	TRIFLURALIN	0.04	0.00	0.00	0.00	0.040
ASA ASPHALT INC.	ADVANCE	STODDARD	2951	POLYCYCLIC AROMATIC CMPD	0.02	0.00	0.00	0.00	0.020
SWIFT CONSTRUCTION CO.	JOPLIN	JASPER	2951	POLYCYCLIC AROMATIC CMPD	0.02	0.00	0.00	0.00	0.020
BLEVINS ASPHALT CONSTRUCTION CO. INC.	CARTHAGE	JASPER	2951	BENZO(G,H,I)PERYLENE	0.004	0.00	0.00	0.00	0.004
ASA ASPHALT INC.	ADVANCE	STODDARD	2951	BENZO(G,H,I)PERYLENE	0.00283	0.00	0.00	0.00	0.00283
SWIFT CONSTRUCTION CO.	JOPLIN	JASPER	2951	BENZO(G,H,I)PERYLENE	0.00225	0.00	0.00	0.00	0.00225
Totals =					6,192.42	1.00	22.30	1,621.00	7,836.72

Source: Missouri TRI Database - 2000 data

(All units are in pounds.)

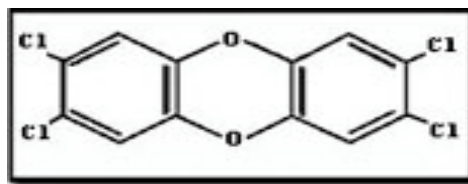
## **Dioxin and Dioxin Like Compounds**

Dioxin and dioxin like compounds (DLCs) are a new category for the TRI. However, information about dioxin and DLCs has been available for several years. Many Missourians will relate to these chemicals because of the dioxin contamination and clean-up project in Times Beach, Missouri. Times Beach was a small river town just outside St. Louis where dioxin contaminated oil was spread on roads as a dust suppressant. Due to the toxicity of the dioxin contamination, the whole town had to be evacuated. The clean up took several years, and the area is now a state park.

Dioxin and DLCs are a family of chemicals that have two benzene rings connected by a third oxygenated ring. If there is a single oxygen atom in the connecting ring, the chemical is known as a dibenzofuran (DF). If there are two oxygen atoms, it is known as a dibenzo-p-dioxin (DD). Furthermore, the dioxins and furans of concern have chlorine atoms at one or more of the hydrogen atoms in the outer benzene rings and are known as chlorinated dibenzo-p-dioxins or furans. The most toxic and most highly studied dioxin is the one with four chlorine atoms, one each at the 2,3,7,8 positions. A diagram of this dioxin is shown in Figure 4. The similar dibenzofuran is shown in Figure 5.

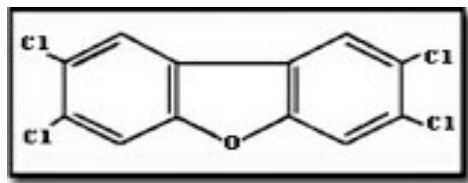
The combination of dioxins and furans that can exist is a total of 75 dioxins and 175 furans. However, there are only

seventeen (17) that are included in the dioxin and dioxin like compounds category required to be reported under the TRI. These are the dioxins and furans that are considered the most toxic. They have chlorine atoms at the 2,3,7,8 positions, as well as other positions.



2,3,7,8 Tetrachlorodibenzo-p-dioxin

**Figure 4**



2,3,7,8 Tetrachlorodibenzofuran

**Figure 5**

It is beyond the scope of this report to list all of them here or to differentiate which ones were reported. However, this detailed data is available. In the Form R, it is required that the reporting facility report what percentage of each type of dioxin is being released because each dioxin and furan has a different level of toxicity. If more information is needed about the specific dioxins reported, you can contact the Environmental Assistance Office at 1-800-361-4837 or 573-526-6627.

Table 14 lists all of the reported releases of dioxin and DLCs in Missouri for RY2000. As can be seen, the quantity and volume of releases is very low. Note that these units are in grams. The reporting threshold for dioxin and DLCs is 0.1 grams. Grams are a very small fraction of a pound. One pound equals 453.6 grams, or one gram equals 0.002205 pounds.

Dioxins and furans are not manufactured intentionally but typically are by-products of combustion processes. Electric utilities that combust coal or fuel oil can be a major source of dioxin and dioxin like compounds (see Table 14). Dioxins can also be formed when household trash is burned or during forest fires. Chlorine bleaching of pulp and paper, certain types of chemical manufacturing and processing, and other high temperature industrial processes can all create small quantities of dioxins. Cigarette smoke even contains small amounts of dioxins.

As seen in Table 14, many of the facilities reporting dioxins or DLCs are electric utilities (SIC 4911). Companies like Lone Star Industries, Inc., River Cement Company, and Holman, Inc. are all cement manufacturers (SIC 3241). They burn fuels such as coal at very high temperatures to form cement. Dioxins and DLCs form during these combustion processes or during the cooling of the hot combustion gases. Based on the SIC codes, it appears that combustion processes may be the source of the dioxins and DLCs for most of the companies listed.

Although the quantities of dioxins and DLCs released is very low, a total of 36.1051 grams, these releases are still of

concern because of the nature and toxicity of these compounds.

In Missouri, there were only two reported releases of dioxin and dioxin like compounds to Missouri streams. These releases, and the companies that reported them, are shown in Table 15.

Additional information about dioxin and dioxin like compounds can be accessed on the internet at <http://www.epa.gov/ncea/dioxin.htm> or at <http://www.epa.gov/tri/lawsandregs/pbt/pbtrule.htm>.

**Table 14**  
**Facilities Reporting Release of DIOXIN and DIOXIN LIKE COMPOUNDS in Missouri**

FACILITY NAME	CITY	COUNTY	SIC CODE	On-site Releases			Off-site Releases		TOTAL
				AIR	LAND	WATER	POTW - METALS	DISPOSAL	
LONE STAR INDS. INC.	CAPE GIRARDEAU	CAPE GIRARDEAU	3241	5.1000	0.0000	0.0000	0.0000	0.0000	5.1000
IMCO RECYCLING OF ILLINOIS	MINER	SCOTT	3341	0.0500	0.0000	0.0000	0.0000	5.0000	5.0500
DOE RUN CO. RECYCLING FACILITY	BOSS	IRON	3341	5.0000	0.0000	0.0000	0.0000	0.0000	5.0000
INTERNATIONAL PAPER	JOPLIN	JASPER	2491	0.0000	0.0000	2.9000	0.0000	0.0000	2.9000
RIVER CEMENT CO.	FESTUS	JEFFERSON	3241	2.4000	0.0000	0.0000	0.0000	0.0000	2.4000
THOMAS HILL ENERGY CENTER POWER DIV.	CLIFTON HILL	RANDOLPH	4911	1.7000	0.0000	0.0000	0.0000	0.0000	1.7000
NEW MADRID POWER PLANT	MARSTON	NEW MADRID	4911	1.6000	0.0000	0.0000	0.0000	0.0000	1.6000
ASBURY GENERATING STATION	ASBURY	JASPER	4911	1.2300	0.0000	0.0000	0.0000	0.0000	1.2300
LAFARGE CORP. SUGAR CREEK PLANT	SUGAR CREEK	JACKSON	3241	1.2000	0.0000	0.0000	0.0000	0.0000	1.2000
AMEREN LABADIE POWER STATION	LABADIE	FRANKLIN	4911	1.1400	0.0000	0.0000	0.0000	0.0000	1.1400
EXIDE TECHS. CANON HOLLOW PLANT	FOREST CITY	HOLT	3341	0.1100	1.0000	0.0000	0.0000	0.0000	1.1100
SIKESTON POWER STATION	SIKESTON	SCOTT	4911	0.8500	0.0000	0.0000	0.0000	0.0000	0.8500
IATAN GENERATING STATION	WESTON	PLATTE	4911	0.8300	0.0000	0.0000	0.0000	0.0000	0.8300
MONTROSE	CLINTON	HENRY	4911	0.7200	0.0000	0.0000	0.0000	0.0000	0.7200
SIBLEY GENERATING STATION	SIBLEY	JACKSON	4911	0.6400	0.0000	0.0000	0.0000	0.0000	0.6400
RUSH ISLAND POWER STATION	FESTUS	JEFFERSON	4911	0.6100	0.0000	0.0000	0.0000	0.0000	0.6100
NORANDA ALUMINUM INC.	NEW MADRID	NEW MADRID	3334	0.4500	0.0000	0.0000	0.0000	0.0000	0.4500
JAMES RIVER POWER STATION	SPRINGFIELD	GREENE	4931	0.4000	0.0000	0.0000	0.0000	0.0000	0.4000
CLARIANT LSM (MISSOURI) INC.	SPRINGFIELD	GREENE	2833	0.3700	0.0000	0.0000	0.0000	0.0000	0.3700
SIOUX POWER STATION	WEST ALTON	ST CHARLES	4911	0.3600	0.0000	0.0000	0.0000	0.0000	0.3600
HOLNAM INC. CLARKSVILLE PLANT	CLARKSVILLE	PIKE	3241	0.3600	0.0000	0.0000	0.0000	0.0000	0.3600
MISSISSIPPI LIME CO.	SAINTE GENEVIEVE	STE GENEVIEVE	3274	0.3200	0.0000	0.0000	0.0000	0.0000	0.3200
CHEMICAL LIME CO.	SAINTE GENEVIEVE	STE GENEVIEVE	3274	0.2900	0.0000	0.0000	0.0000	0.0000	0.2900
AMEREN MERAMEC POWER STATION	SAINT LOUIS	SAINT LOUIS CITY	4911	0.2500	0.0000	0.0000	0.0000	0.0000	0.2500
CITY OF INDEPENDENCE	INDEPENDENCE	JACKSON	4911	0.2300	0.0000	0.0000	0.0000	0.0000	0.2300
ANHEUSER-BUSCH INC.	SAINT LOUIS	SAINT LOUIS CITY	2082	0.2100	0.0000	0.0000	0.0000	0.0000	0.2100
SOUTHWEST POWER STATION	BROOKLINE STATION	GREENE	4931	0.2000	0.0000	0.0000	0.0000	0.0000	0.2000
MISSOURI CHEMICAL WORKS	LOUISIANA	PIKE	2869	0.1700	0.0000	0.0000	0.0000	0.0000	0.1700
UTILICORP UNITED INC. LAKE ROAD STATION	SAINT JOSEPH	BUCHANAN	4931	0.1500	0.0000	0.0000	0.0000	0.0000	0.1500
CHAMOIS POWER PLANT	CHAMOIS	OSAGE	4911	0.1100	0.0000	0.0000	0.0000	0.0000	0.1100
CONTINENTAL CEMENT CO. L.L.C.	HANNIBAL	RALLS	3241	0.1100	0.0000	0.0000	0.0000	0.0000	0.1100
ASH GROVE CEMENT CO. SPRINGFIELD LIME PLANT	SPRINGFIELD	GREENE	3274	0.0400	0.0000	0.0000	0.0000	0.0000	0.0400
PROCTER & GAMBLE PAPER PRODS. CO.	JACKSON	CAPE GIRARDEAU	2621	0.0011	0.0000	0.0040	0.0000	0.0000	0.0051
Totals				27.2011	1.0000	2.9040	0.0000	5.0000	36.1051

Source: Missouri TRI Database - 2000 data

**Table 15**  
**Reported Releases of DIOXIN and DIOXIN LIKE COMPOUNDS to Missouri Streams**

FACILITY NAME	CITY	COUNTY	CHEMICAL NAME	STREAM NAME	RELEASES
INTERNATIONAL PAPER	JOPLIN	JASPER	DIOXIN AND DIOXIN-LIKE COMPOUNDS	UNNAMED TRIBUTARY TO JOPLIN CREEK	2.9039
PROCTER & GAMBLE PAPER PRODS. CO.	JACKSON	CAPE GIRARDEAU	DIOXIN AND DIOXIN-LIKE COMPOUNDS	MISSISSIPPI RIVER	0.0040
Total =					2.9079

Source: Missouri TRI Database - 2000 data

(Units are in grams.)

# Trends Analysis

As it is important to look at TRI releases in a given year, it is also important to look at trends over time. Due to the fact that the new industries have only been reporting since 1998 and that their releases so markedly affected the total releases, the new industries and original industries will be discussed separately in this section.

## Original Industries

Table 16 lists all of the releases by media for the original industries since 1988. The data from this table is shown graphically in Figures 6 and 7. Releases to POTWs are not included in these figures. This is because, prior to 1999, all transfers to POTWs were summed together. Transfers of metals to POTWs were first separated out in 1999 and were, since that time, considered releases to the environment. Therefore, only the data since 1999

would be valid, so this category of releases was left out of the data analysis.

Figure 6 is a stacked bar graph that shows the general pattern of total releases for the original industries since 1988. One can see in Figure 6 that there has been a downward trend in total releases since 1988 through 1994. In 1995, there was a large increase in the number of chemicals that were reportable to the TRI. This increase included several pesticides which did not greatly affect the total releases. However, nitrate compounds was one chemical that was added that had a significant affect on the total releases. This chemical category significantly increased the water releases. This impact is discussed a little later in this section.

In 1996, air releases significantly increased due to the fact that Missouri charcoal kilns were required to start reporting their air releases of methanol. This increase can be seen in Figure 6 but is more easily seen in Figure 7.

**Table 16**  
**Original Industry Releases by Year**

(Units are in pounds.)

RY	AIR	LAND	WATER	DISPOSAL
1988	52,409,588	43,009,771	2,168,982	32,183,480
1989	49,644,776	27,574,966	1,262,148	3,373,873
1990	47,338,161	22,964,681	1,519,020	3,134,723
1991	36,936,375	23,829,449	1,230,181	2,501,763
1992	37,313,346	17,338,852	1,115,179	2,704,083
1993	33,348,689	18,101,934	1,438,746	3,997,018
1994	30,561,446	16,631,294	1,305,204	5,229,292
1995	31,808,470	14,585,213	3,740,978	3,762,984
1996	35,571,579	17,033,956	3,634,629	4,255,946
1997	33,850,727	20,171,157	5,010,714	5,350,115
1998	30,454,406	19,826,686	3,070,223	4,340,370
1999	29,375,844	19,575,095	3,343,958	4,598,664
2000	26,602,028	24,186,007	1,793,810	5,798,400

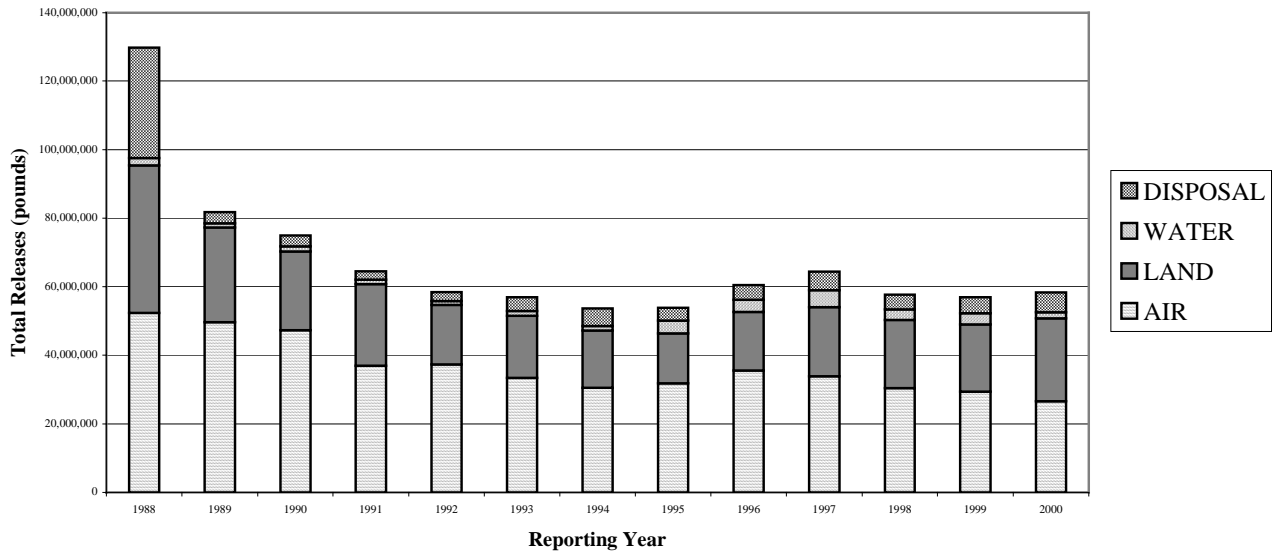
Source: Missouri TRI Database

Figure 7 shows the total releases in a line graph format which makes it easier to see how the releases vary by media. As can be seen, the air releases have continued to decrease since 1988 and then again since 1996. On-site land releases had decreased between 1988 through 1995 but have been increasing from 1995 through 2000. Review of the data shows that this increase is due to increased on-site land releases of aluminum (fume or dust), lead compounds and zinc compounds, with zinc compounds being the greatest.

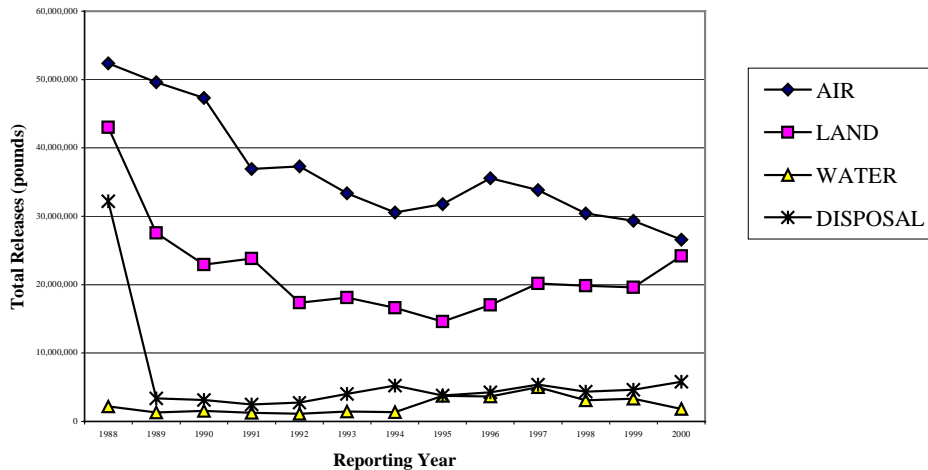
Further review of the data showed that a major portion of the increased on-site land releases were due to the reported increases of zinc compounds by the Doe Run Company smelter in

Herculaneum, Missouri. Since Doe Run does not try to capture the zinc in the lead ore, a large portion of the zinc is discarded as waste from the smelter. These increases could be due to increased production or to a higher content of zinc in the ore.

**Figure 6. Total Releases by Year  
Original Industries**



**Figure 7. Total Releases by Year  
Original Industries**

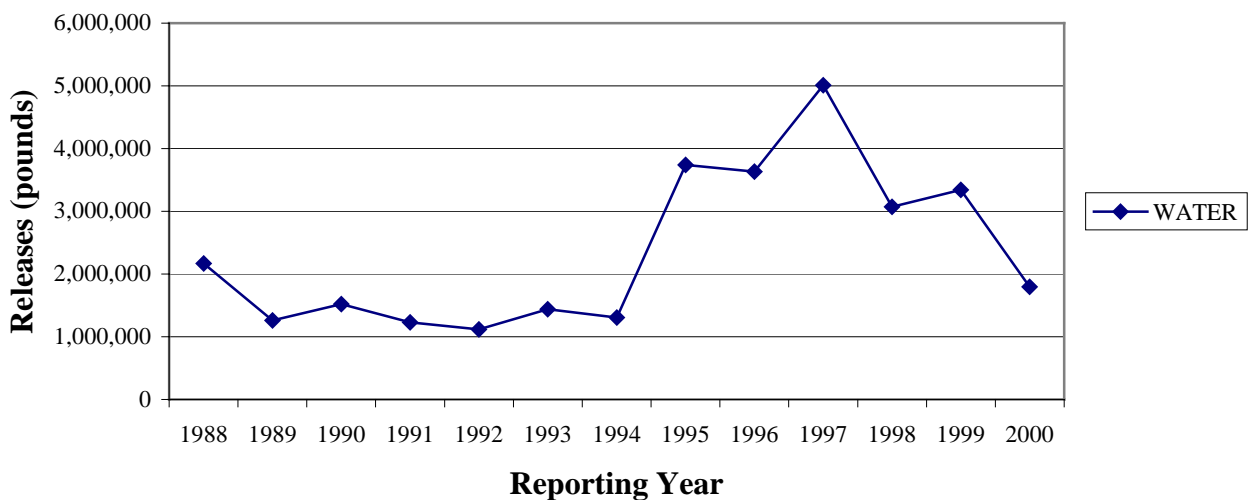


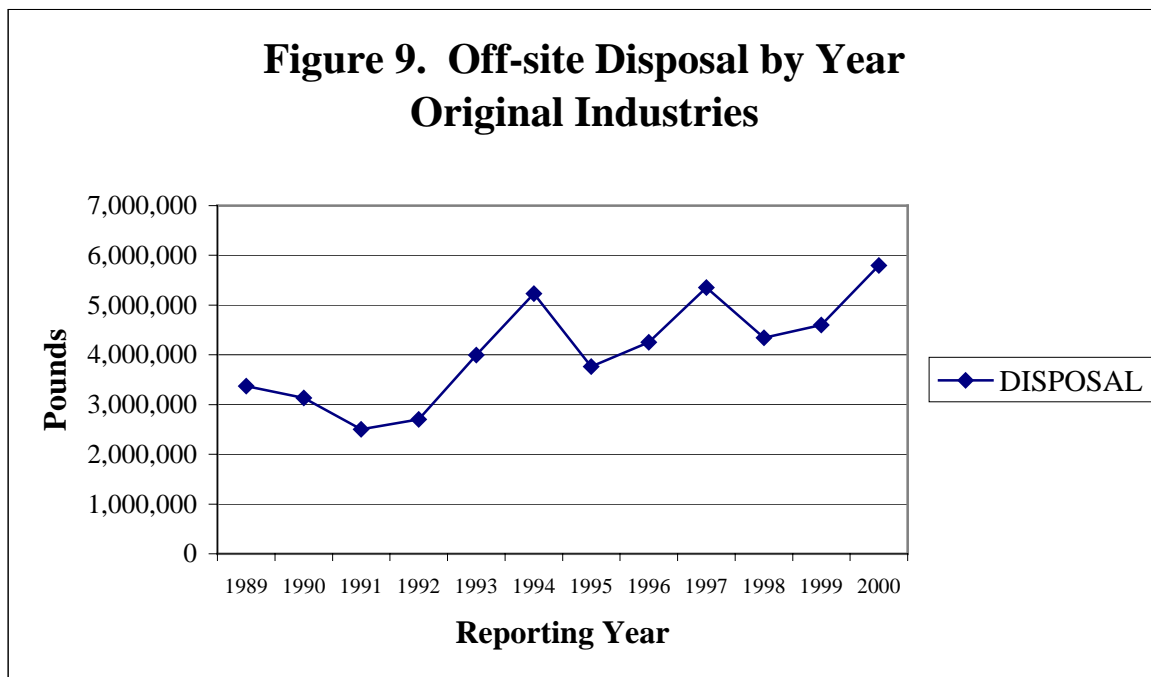
In Figure 7, it is difficult to discern the trends in the water releases and the off-site disposal. These two release media are re-graphed in Figures 8 and 9.

Figure 8 shows that water releases were on a slight downward trend between 1988 through 1994. However, in 1995 there was a large increase. It was found from review of the data that this increase was due to the addition of nitrate compounds as a TRI reportable chemical in 1995. This upward trend continued through 1997, after which we have seen a strong downward trend. The reason for this downward trend is unclear. There have been no chemical reporting changes that could have caused this trend. It is possible that reporting facilities have been able to reduce their releases through improved management practices or source reduction.

Figure 9 shows the trend in off-site disposal. Note that the large decrease between 1988 and 1989 seen in Figure 6 and 7 was deleted from Figure 9. That large decrease was due to a reporting qualification of aluminum oxide to “fibrous form only” in 1989. Because this value would have badly skewed the data, it was deleted from Figure 9. Figure 9 does show that there has been a slow, continuing trend upward since 1991. Review of the data showed that this upward trend is due to reported disposal of several metal compounds: copper, antimony, manganese, chromium and lead. Lead compounds showed the single largest increase. Total off-site disposal for lead compounds was 109,176 pounds in 1991 and was 2,398,520 in 2000. This single chemical accounts for almost 95 percent of the increase seen in Figure 9.

**Figure 8. Water Releases by Year  
Original Industries**





Further review of the data showed that a single company accounted for the majority of the lead compounds increase. This company was the Doe Run Recycling Facility in Boss, Missouri. This facility reported zero off-site disposal of lead compounds in 1991 and 2,294,814 pounds in 2000, with increases every year. Based on their reported production ratios, these increases appear to be related directly to production increases.

releases, with very little water and off-site disposal releases.

**Table 17  
New Industry Releases by Year**

(Units are in pounds.)

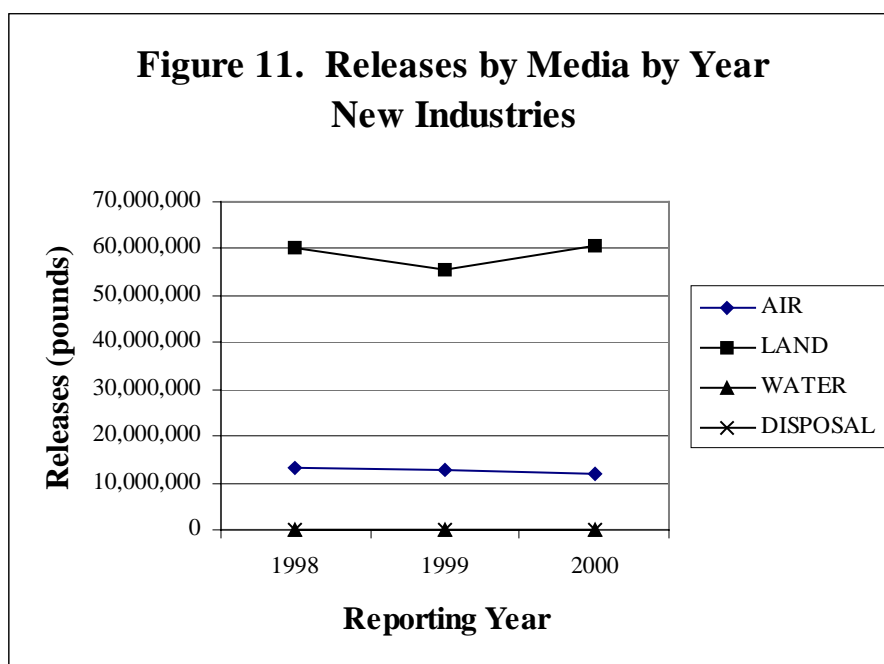
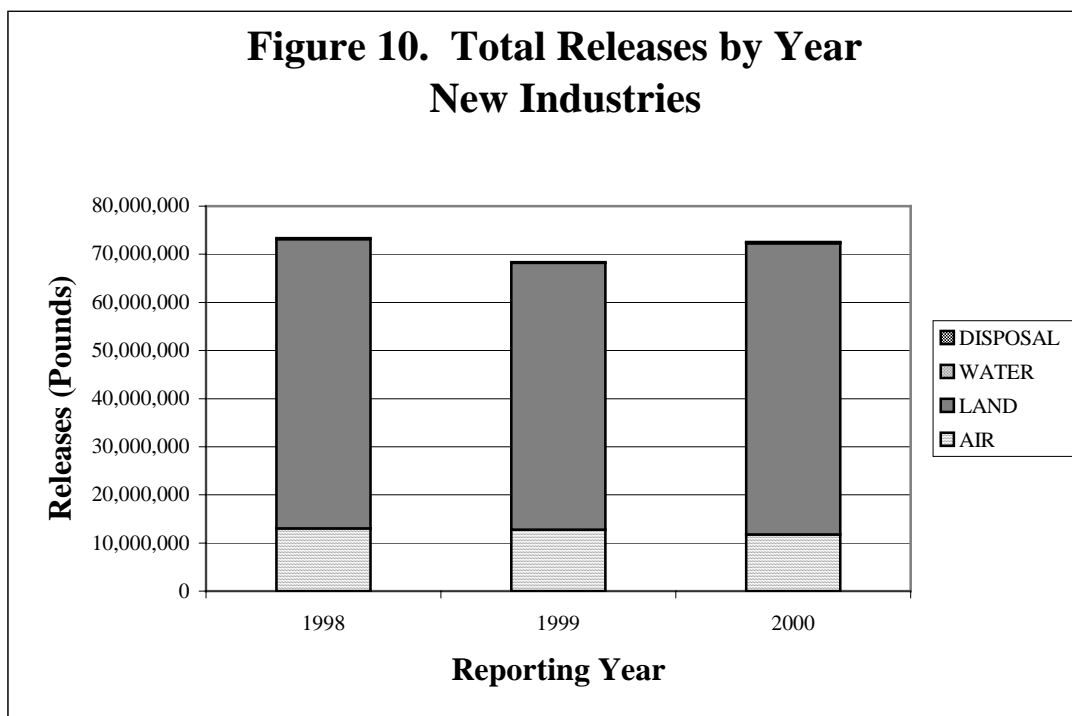
R.Y.	AIR	LAND	WATER	DISPOSAL
1998	13,051,529	60,126,561	159,888	6,708
1999	12,770,665	55,442,754	154,369	406
2000	11,774,909	60,501,275	152,879	111,194

Source: Missouri TRI Database

### **New Industries**

Table 17 shows the data for the new industries releases by year. Because the new industries have only been reporting since 1998, there are only three years of data available. A graph of this data is shown in Figure 10. As can be seen, their total releases have remained about the same for all three years. Also, their releases are almost entirely land and air

Figure 11 shows a line graph that also shows that the new industry releases are almost entirely air and land. Because the land releases are so high, the scale in Figure 11 is so large that one can not discern if there were any increases or decreases in water or off-site disposal. Figure 12 shows the graph of just air releases.

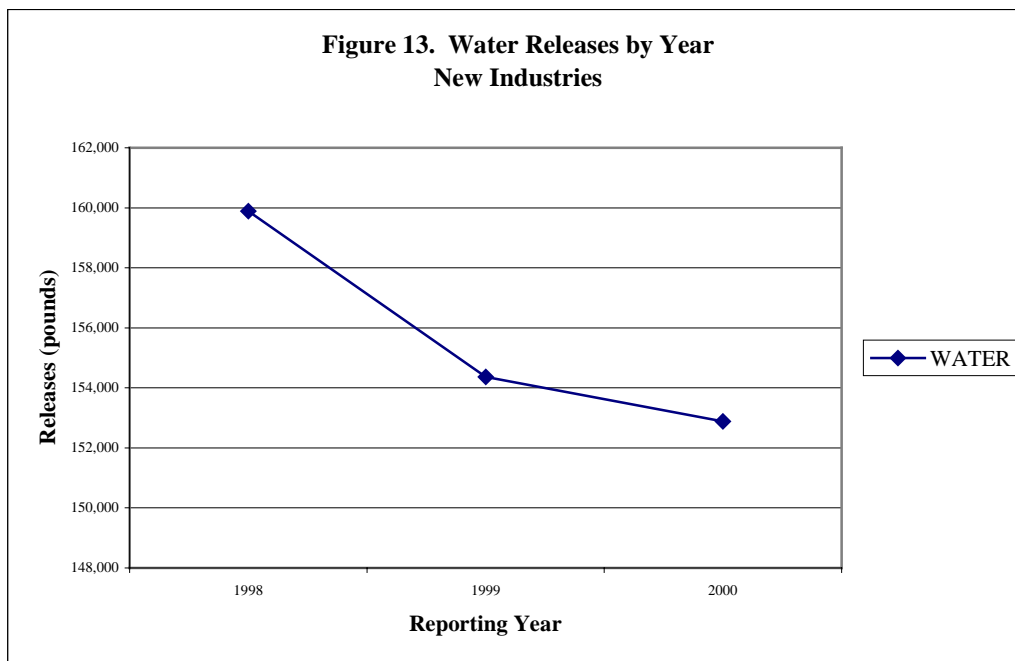
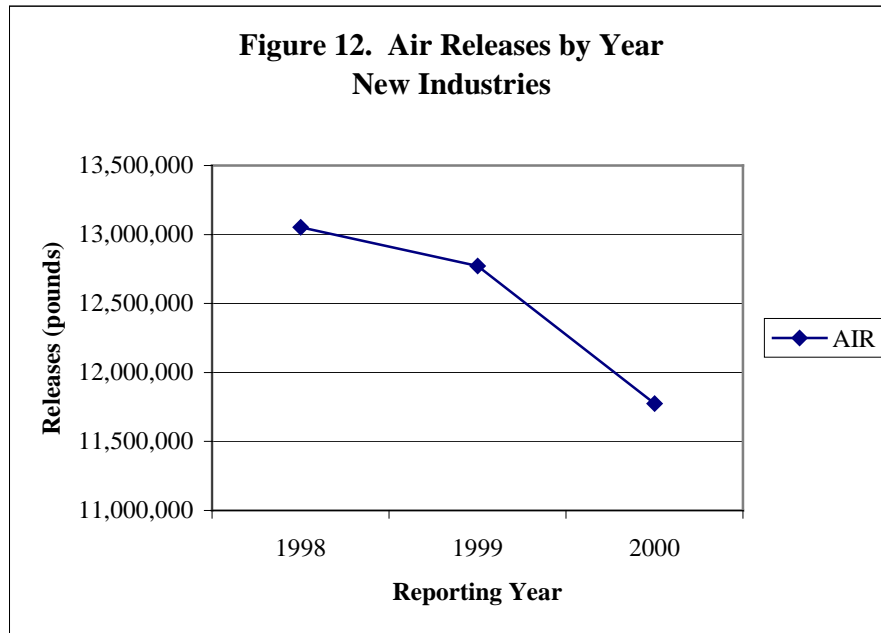


In Figure 12, the air releases do show a significant downward trend. Between 1998 and 2000, there has been a decrease of 1,276,620 pounds (see Table 17). A similar trend is seen in the water

releases (see Figure 13). However, the change in water releases is actually relatively small. Between 1998 and 2000, there was only a decrease of 7,009 pounds (see Table 17).

The off-site disposal trend is increasing, based on the data shown in Table 17 but it appears so erratic that it was not

plotted. Even with an increasing trend, the amount of off-site disposal by the new industries is relatively minor.



# Source Reduction in Missouri

In 1990, Congress passed a law known as the Pollution Prevention Act (PPA). This law established the national policy that the best way to manage pollution was to prevent or reduce the generation of the wastes that cause pollution. This is known as source reduction. Up until this time, most of the environmental laws dealt with managing hazardous wastes or pollution after it was created. The PPA focused on reducing the amount of pollution generated.

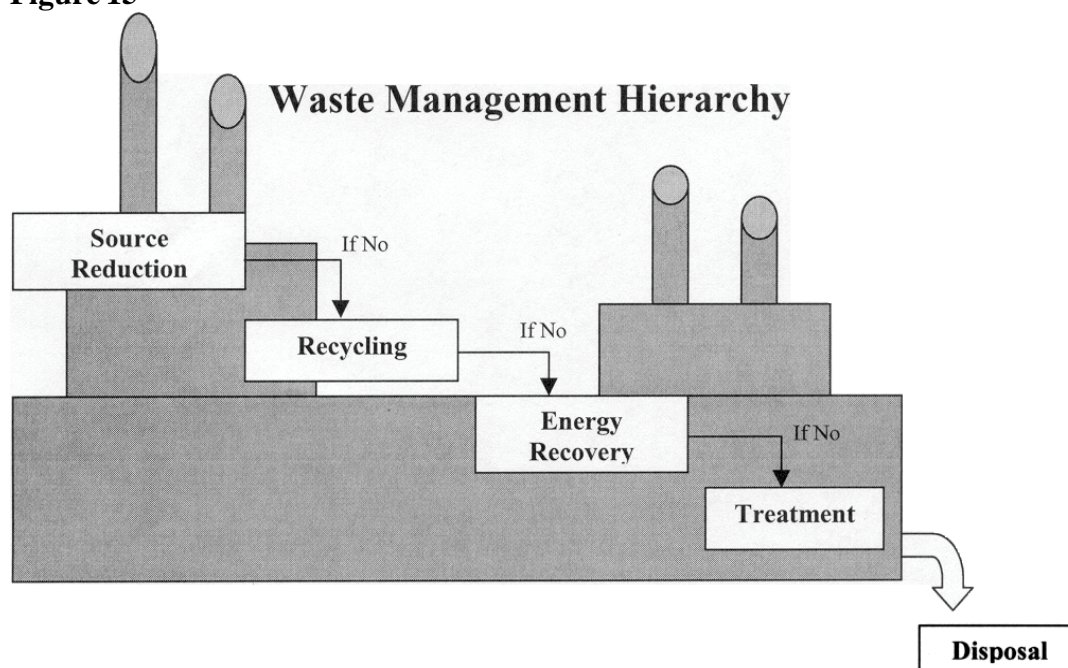
The PPA defines source reduction as any practice that:

- Reduces the amount of any hazardous substance, pollutant or contaminant entering any waste stream or otherwise released into the environment (including fugitive emissions) prior to recycling, treatment or disposal; and,
- Reduces the hazards to public health and the environment associated with the release of such substances, pollutants or contaminants.

The PPA stated that, through source reduction, the risks to people and the environment could be reduced and financial and natural resources could be saved that would otherwise be spent on environmental clean-up or pollution control. Industrial processes could also be made more efficient. Source reduction practices were defined as including modifications in equipment, processes, procedures or technology; reformulation or redesign of products; substitution of raw materials or improvements in maintenance and inventory controls. All of these practices affect the generation of wastes. Management practices, such as recycling, treatment or disposal, that deal with the wastes after they are generated are not considered source reduction.

Although source reduction is the preferred management method, the PPA recognized that recycling and treatment were viable options when source reduction was not feasible. Thus, the PPA established a hierarchy of waste

**Figure 15**



management options with source reduction first, recycling second and treatment third. Disposal, which is also considered a release to the environment, is viewed only as a last resort, to be employed only if the preferred methods cannot be used. However, disposal must be in permitted landfills.

The PPA did not specifically address the combustion of wastes for energy recovery. However, because this option has beneficial aspects similar to recycling or treatment, the EPA chose to list this activity in the waste management hierarchy. Energy recovery is preferred over treatment. Figure 15 illustrates the waste management hierarchy used in the TRI.

### **On-Site and Off-site Waste Management**

The PPA required that facilities report the quantities of wastes they manage both on- and off-site through recycling, energy recovery or treatment. This information is reported in Section 8 of the TRI Form R (see Appendix A). Although these methods of waste management are not source reduction, they are preferred over disposal or other releases to the environment.

### **Future Projections**

The PPA also required industries to report the quantities of wastes managed in the current reporting year and provide projections for releases and waste management for the two following years. The PPA required these projections to encourage facilities to consider their future waste generation, opportunities for source reduction and potential improvements in waste management options. However, future year estimates are not commitments that facilities reporting to the TRI must meet.

### **Projection Data**

Table 18 provides a summary of the projections data for both the original

industries and the new industries combined. The current year data corresponds to the RY2000 data that has been discussed extensively in this report.

As seen in Table 18, on-site recycling is projected to decrease over the next two years, from 265.2 million pounds to 229.7 million pounds. Wastes recycled off-site are projected to stay approximately the same, as is the case with off-site energy recovery. On-site energy recovery is projected to increase slightly by approximately 1.5 million pounds by 2002. This is a positive trend in that it reuses chemical wastes in a beneficial way. Treatment on-site is projected to increase by 4.3 million pounds in 2001 and then decrease again for 2002. Off-site treatment shows the most pronounced decrease for 2001 and 2002. However, this data may be in error because it was found that facilities are not always reporting transfers of non-metals to POTWs in the off-site treatment field as they should. As a result of this error, the total amount of TRI chemicals sent off-site for treatment may be under reported by an estimated 2 million pounds.

Two final areas shown in Table 18 are the Quantity Released On-Site and Off-Site and Total Production Related Wastes. Both of these show projected reductions for the two future years compared to the current year. However, these projections are traditionally conservative. In 1999, the projected quantity released on-site and off-site for 2000 was 119.0 million pounds. This is substantially below the actual quantity of 127.6 million pounds for the reporting year 2000 (see Table 18). The total production related wastes were projected to be 562.1 million pounds. Again, this

**Table 18**  
**Projections of Releases and Waste Management for 2001 and 2002**  
**(All Industries)**

<b>Waste Management Activity</b>	<b>Current Year 2000</b>	<b>Projected 2001</b>	<b>Projected 2002</b>
Recycling On-site	265,160,842	231,661,150	229,667,648
Recycling Off-site	57,599,394	55,119,790	57,806,054
Energy Recovery On-site	98,064,486	98,820,464	99,512,887
Energy Recovery Off-site	12,489,517	12,030,015	12,678,645
Treatment On-site	52,837,744	57,165,790	54,063,396
Treatment Off-site + (POTW non-metals)	11,362,203	8,410,095	8,311,374
Quantity Released On- and Off-site	127,629,708	120,116,282	122,505,908
Total Production Related Wastes =	625,143,894	583,323,586	584,545,912

Source: Missouri TRI Database - 2000 data

(All units are in pounds.)

estimate was actually quite a bit lower than the actual 625.1 million pounds reported for RY2000 (see Table 18).

In previous sections of this report, the total on-site and off-site releases were reported as 130.8 million pounds (see Table 3). Also, the total production related wastes were reported as 628.3 million pounds for RY2000 (see Table 3). These differences occur because the data is taken from two different places in the Form R. The earlier data is taken from Sections 5 and 6 of the Form R. The data reported in Table 18 is from Section 8.

Technically, this data should be the same. However, the data reported in Sections 5 and 6 does not always get translated correctly to Section 8 by the facilities. Differences also occur because facilities are allowed to “round” the data entered in Section 8. The data in both sections is in the same ballpark. However, some inaccuracies are inherent in the data reporting.

### **Source Reduction Methods**

The PPA also required companies to begin reporting what types of methods or

source reduction activities they were using to achieve or implement source reduction. They report these activities using source reduction codes. The source reduction codes they are allowed to use are shown in Appendix E, entitled “Source Reduction Activity Codes”. These codes cover various source reduction activities from good operating practices to product modifications. Companies are allowed to report up to four source reduction codes for each chemical. Appendix F, entitled “Source Reduction Activity Codes By Company”, lists all of the companies that reported one or more source reduction code activities. These are sorted by county and then by company.

Some companies report the same source reduction activity for multiple chemicals. This is because the source reduction activity they are reporting can affect several, or possibly all, of the chemicals they are reporting.

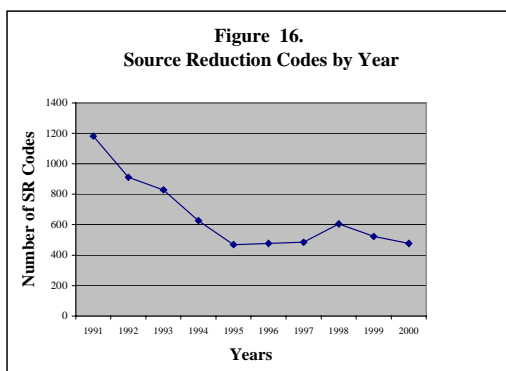
Doing source reduction is not mandatory, nor is it always feasible. TRI reporting of source reduction activities is also voluntary, so not all companies report source reduction activities.

**Table 19**  
**Source Reduction by Year**

R Y	No. Facilities Reporting SR	Total SR Codes Reported	Total Form R Reports	Percent (SR/Reports)
1991	206	1181	2215	53.3%
1992	197	911	2083	43.7%
1993	201	828	2018	41.0%
1994	174	627	1873	33.5%
1995	140	469	1908	24.6%
1996	135	477	1843	25.9%
1997	108	484	1889	25.6%
1998	143	605	2242	27.0%
1999	112	522	2102	24.8%
2000	105	477	2255	21.2%

Source: Missouri TRI Database

Furthermore, implementation of new source reduction gets more difficult with time. Covered facilities have been reporting source reduction activities since 1991. Over the years, fewer and fewer source reduction activities have been reported. Table 19 shows this trend. Figure 16 shows the trend graphically.



In 2000, only 105 facilities reported source reduction activities. In 1999, 112 facilities reported source reduction codes and in 1998, 143 facilities reported doing source reduction. In 2000, the 105 facilities reported a total of 477 source reduction activities based on all the

source reduction codes. This is 8.6 percent less than the number reported in 1999, which was 522.

A list of some of the source reduction codes reported for 2000 is shown in Table 20. The count column in this table reflects the number of chemicals, or TRI reports, that showed this source reduction code, based on the first source reduction code reported. Two codes that are especially important are W42, “Substituted Raw Materials”, and W82, “Modified Design or Composition of Product.” These two codes are significant because they eliminate or minimize the use of toxic chemicals and, therefore, directly reduce the amount of chemicals that can be released into the environment. These source reduction methods can be considered the most efficient means of source reduction.

Table 21 shows the top 25 companies that reported source reduction activity in 2000. The count column in this table represents the total number of source reduction activity codes these companies reported. During review of the data, it was noted that some companies, such as Continental Cement Company, reported the same source reduction code for multiple chemicals (see Appendix F). This can be correct because the source reduction code or activity they reported can affect all of the chemicals they reported. In this example, Continental Cement reported W33 for 41 different TRI chemicals. W33 is “Installed Overflow Alarms or Automatic Shutoffs”. This company is a cement kiln and uses large quantities of waste chemicals for fuel. The source reduction activity they reported is a process related improvement and could affect all of the chemicals that they manage. This

reasoning is true for many of the companies that reported the same code for multiple chemicals. For a more detailed review of the source reduction codes reported by companies, see Appendix F.

### **PBT Source Reduction**

For the 2000 reporting year, several companies reported source reduction for PBT chemicals. The list of these companies and the chemicals for which they reported source reduction is shown

in Table 22. It is significant that companies are already reporting source reduction in the first reporting year for PBT chemicals. This, in part, shows the positive impact that the TRI reporting requirement can have on reporting facilities. These companies are to be commended for their efforts. For what types of source reduction these facilities are reporting, see Appendix E.

**Table 20**  
**Examples of Some Reported Source Reduction Codes**

SOURCE REDUCTION CODE	CODE DESCRIPTION	COUNT
W33	INSTALLED OVERFLOW ALARMS OR AUTOMATIC SHUTOFF VALVES	41
W13	IMPROVED MAINTENANCE SCHEDULING, RECORDKEEPING, OR PROCEDURES	37
W14	CHANGED PRODUCTION SCHEDULE TO MINIMIZE EQUIPMENT AND FEEDSTOCK CHANGEOVERS	31
W42	SUBSTITUTED RAW MATERIALS	29
W19	OTHER CHANGES IN OPERATING PRACTICES	25
W58	OTHER PROCESS MODIFICATIONS	18
W82	MODIFIED DESIGN OR COMPOSITION OF PRODUCT	12
W73	SUBSTITUTED COATING MATERIALS USED	11
W49	OTHER RAW MATERIAL MODIFICATIONS	10
W32	IMPROVED PROCEDURES FOR LOADING, UNLOADING, AND TRANSFER OPERATIONS	9
W52	MODIFIED EQUIPMENT, LAYOUT, OR PIPING	9
W51	INSTITUTED RECIRCULATION WITHIN A PROCESS	6
W29	OTHER CHANGES IN INVENTORY CONTROL	5
W39	OTHER SPILL OR LEAK PREVENTION	5
W36	IMPLEMENTED INSPECTION OR MONITORING PROGRAM OF POTENTIAL SPILL OR LEAK SOURCES	4
W35	INSTALLED VAPOR RECOVERY SYSTEMS	3
W31	IMPROVED STORAGE OR STACKING PROCEDURES	3
W54	INSTITUTED BETTER CONTROLS ON OPERATING BULK CONTAINERS TO MINIMIZE DISCARDING	2
W67	IMPROVED RINSE EQUIPMENT DESIGN	2
W74	IMPROVED APPLICATION TECHNIQUES	2
W61	CHANGED TO AQUEOUS CLEANERS (FROM SOLVENTS OR OTHER MATERIALS)	1
W22	BEGAN TO TEST OUTDATED MATERIAL - CONTINUE TO USE IF STILL EFFECTIVE	1
W21	INSTITUTED PROCEDURES TO ENSURE THAT MATERIALS DO NOT STAY IN INVENTORY BEYOND	1
W81	CHANGED PRODUCT SPECIFICATIONS	1
W41	INCREASED PURITY OR RAW MATERIALS	1

Source: Missouri TRI Database - 2000 data

**Table 21**  
**Top 25 Facilities Reporting Source Reduction Activity in RY2000**

FACILITY NAME	CITY	COUNTY	COUNT
CONTINENTAL CEMENT CO. L.L.C.	HANNIBAL	RALLS	126
OMNIUM L.L.C.	SAINT JOSEPH	BUCHANAN	22
DOE RUN CO. GLOVER SMELTER	GLOVER	IRON	21
MOZEL INC.	SAINT LOUIS	SAINT LOUIS CITY	18
3M NEVADA PLANT	NEVADA	VERNON	13
ADCO INC.	SEDALIA	PETTIS	13
DYNO NOBEL INC. CARTHAGE PLANT	CARTHAGE	JASPER	11
REICHOLD INC. VALLEY PARK PL	VALLEY PARK	ST LOUIS	9
MIDCO PRODS. CO. INC.	CHESTERFIELD	ST LOUIS	8
ACOUSTISEAL INC.	SAINT LOUIS	SAINT LOUIS CITY	8
EMERSON ELECTRIC CO.	KENNETT	DUNKLIN	8
DOUGLAS PRODS. & PACKAGING	LIBERTY	CLAY	8
SILGAN CONTAINERS MFG. CORP.	SAINT JOSEPH	BUCHANAN	7
ESSEX GROUP INC.	SIKESTON	SCOTT	6
COMMERCIAL PLATING CO.	SAINT LOUIS	SAINT LOUIS CITY	6
WATERLOO INDS. INC.	SEDALIA	PETTIS	6
MOZEL INC.	BELLA VILLA	ST LOUIS	6
YORK CASKET-MISSOURI	MARSHFIELD	WEBSTER	6
DAVIS PAINT CO.	NORTH KANSAS CITY	CLAY	5
CLARIANT LSM (MISSOURI) INC.	SPRINGFIELD	GREENE	5
DYNO NOBEL INC. LOMO PLANT	LOUISIANA	PIKE	5
PERKINELMER FLUID SCIENCES ST.	SAINT LOUIS	SAINT LOUIS CITY	5
LHB INDS.	BERKELEY	ST LOUIS	4
BODINE ALUMINUM INC.	TROY	LINCOLN	4
HEMCO CORP. 130130	INDEPENDENCE	JACKSON	4

Source: Missouri TRI Database - 2000 data

**Table 22**  
**Facilities Reporting Source Reduction for PBT Chemicals**

FACILITY NAME	CITY	COUNTY	CHEMICAL	SR CODE
LONE STAR INDS. INC.	CAPE GIRARDEAU	CAPE GIRARDEAU	DIOXIN AND DIOXIN-LIKE COMPOUNDS	W52
CLARIANT LSM (MISSOURI) INC.	SPRINGFIELD	GREENE	DIOXIN AND DIOXIN-LIKE COMPOUNDS	W14
CONTINENTAL CEMENT CO. L.L.C.	HANNIBAL	RALLS	DIOXIN AND DIOXIN-LIKE COMPOUNDS	W58
CONTINENTAL CEMENT CO. L.L.C.	HANNIBAL	RALLS	MERCURY COMPOUNDS	W33
BOEHRINGER INGELHEIM VETMEDICA INC.	SAINT JOSEPH	BUCHANAN	MERCURY COMPOUNDS	W42
CHAMMOIS POWER PLANT	CHAMMOIS	OSAGE	MERCURY COMPOUNDS	W52
HPI PRODS. INC.	SAINT JOSEPH	BUCHANAN	METHOXYCHLOR	W13
OMNIUM L.L.C.	SAINT JOSEPH	BUCHANAN	TRIFLURALIN	W14

Source: Missouri TRI Database - 2000 data

# **Summary**

Chemicals are a part of our lives. We use chemicals in our homes, in our cars and in our industries. Chemicals are used to make many of the products that we use and enjoy every day. The Toxics Release Inventory was mandated by Congress to help ensure that toxic chemicals are managed and used safely and responsibly by our manufacturing industries. The fact that companies have had to report on how much toxic chemicals they are releasing into the environment has by itself prompted significant reductions in environmental releases over the years. This year's annual report has focused on the releases of the persistent, bioaccumulative and toxic chemicals known as PBTs. This is the first year that these chemicals have been reported. It is hoped that, with the help of interested citizens, the amounts of releases of all of the TRI chemicals will continue to be reduced. It is also hoped that the presentation of the information in this report will be of benefit to Missouri citizens to improve their awareness and help promote their participation in environmental issues in their communities.

If you have questions, need further information or have comments about this report, please contact the Department of Natural Resources' Environmental Assistance Office at 1-800-361-4827 or 573-526-6627.

# **APPENDIX A**

## **TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORMS**



### **FORM R and FORM A**

**EPA**United States  
Environmental Protection  
Agency**FORM R****TOXIC CHEMICAL RELEASE  
INVENTORY REPORTING FORM**Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986,  
also known as Title III of the Superfund Amendments and Reauthorization Act**WHERE TO SEND COMPLETED FORMS:** 1. EPCRA Reporting Center  
P.O. Box 3348  
Merrifield, VA 22116-3348  
ATTN: TOXIC CHEMICAL RELEASE INVENTORY  
2. APPROPRIATE STATE OFFICE  
(See instructions in Appendix F)Enter "X" here if this  
is a revision

For EPA use only

**Important: See instructions to determine when "Not Applicable (NA)" boxes should be checked.****PART I. FACILITY IDENTIFICATION INFORMATION****SECTION 1. REPORTING YEAR** \_\_\_\_\_**SECTION 2. TRADE SECRET INFORMATION**

<b>2.1</b>	Are you claiming the toxic chemical identified on page 2 trade secret?		<b>2.2</b>	Is this copy <input type="checkbox"/> Sanitized <input type="checkbox"/> Unsanitized	
	<input type="checkbox"/> Yes (Answer question 2.2; Attach substantiation forms)	<input type="checkbox"/> No (Do not answer 2.2; Go to Section 3)		(Answer only if "YES" in 2.1)	

**SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)**

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:

Signature:

Date Signed:

**SECTION 4. FACILITY IDENTIFICATION**

<b>4.1</b>	Facility or Establishment Name	TRI Facility ID Number	Facility or Establishment Name or Mailing Address(if different from street address)
	Street	Mailing Address	
	City/County/State/Zip Code	City/County/State/Zip Code	

<b>4.2</b>	This report contains information for: (Important : check a or b; check c if applicable)	a. <input type="checkbox"/> An entire facility	b. <input type="checkbox"/> Part of a facility	c. <input type="checkbox"/> A Federal facility
------------	--	--	--	--

<b>4.3</b>	Technical Contact Name	Telephone Number (include area code)
------------	------------------------	--------------------------------------

<b>4.4</b>	Public Contact Name	Telephone Number (include area code)
------------	---------------------	--------------------------------------

<b>4.5</b>	SIC Code (s) (4 digits)	a.	b.	c.	d.	e.	f.
------------	-------------------------	----	----	----	----	----	----

<b>4.6</b>	Latitude	Degrees	Minutes	Seconds	Longitude	Degrees	Minutes	Seconds

<b>4.7</b>	Dun & Bradstreet Number(s) (9 digits)	<b>4.8</b>	EPA Identification Number (RCRA I.D. No.) (12 characters)	<b>4.9</b>	Facility NPDES Permit Number(s) (9 characters)	<b>4.10</b>	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)
------------	---------------------------------------	------------	---	------------	--	-------------	--

a.	a.	a.	a.
b.	b.	b.	b.

**SECTION 5. PARENT COMPANY INFORMATION**

<b>5.1</b>	Name of Parent Company	NA <input type="checkbox"/>
<b>5.2</b>	Parent Company's Dun & Bradstreet Number	NA <input type="checkbox"/>

# EPA FORM R

## PART II. CHEMICAL-SPECIFIC INFORMATION

TRI Facility ID Number

Toxic Chemical, Category or Generic Name

**SECTION 1. TOXIC CHEMICAL IDENTITY**

(Important: DO NOT complete this section if you completed Section 2 below.)

**1.1** CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)

**1.2** Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)

**1.3** Generic Chemical Name (Important: Complete **only** if Part 1, Section 2.1 is checked "yes". Generic Name must be structurally descriptive.)

**SECTION 2. MIXTURE COMPONENT IDENTITY**

(Important: DO NOT complete this section if you completed Section 1 above.)

**2.1** Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)

**SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY**

(Important: Check all that apply.)

**3.1** Manufacture the toxic chemical:**3.2** Process the toxic chemical:**3.3** Otherwise use the toxic chemical:

a. ☐ Produce      b. ☐ Import

If produce or import:

c. ☐ For on-site use/processingd. ☐ For sale/distributione. ☐ As a byproductf. ☐ As an impuritya. ☐ As a reactantb. ☐ As a formulation componentc. ☐ As an article componentd. ☐ Repackaginga. ☐ As a chemical processing aidb. ☐ As a manufacturing aidc. ☐ Ancillary or other use**SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR**

**4.1**  (Enter two-digit code from instruction package.)

**SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE**

		A. Total Release (pounds/year) (Enter range code or estimate*)	B. Basis of Estimate (enter code)	C. % From Stormwater
<b>5.1</b>	Fugitive or non-point air emissions	NA <input type="checkbox"/>		
<b>5.2</b>	Stack or point air emissions	NA <input type="checkbox"/>		
<b>5.3</b>	Discharges to receiving streams or water bodies (enter one name per box)			
Stream or Water Body Name				
<b>5.3.1</b>				
<b>5.3.2</b>				
<b>5.3.3</b>				
<b>5.4.1</b>	Underground Injection onsite to Class I Wells	NA <input type="checkbox"/>		
<b>5.4.2</b>	Underground Injection onsite to Class II-V Wells	NA <input type="checkbox"/>		

If additional pages of Part II, Section 5.3 are attached, indicate the total number of pages in this box  and indicate the Part II, Section 5.3 page number in this box.  (example: 1,2,3, etc)

<b>EPA FORM R</b>  <b>PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)</b>	TRI Facility ID Number
	Toxic Chemical, Category, or Generic Name

**SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE(Continued)**

		NA	A. Total Release (pounds/year) (enter range code* or estimate)	B. Basis of Estimate (enter code)
<b>5.5</b>	Disposal to land onsite			
<b>5.5.1A</b>	RCRA Subtitle C landfills	<input type="checkbox"/>		
<b>5.5.1B</b>	Other landfills	<input type="checkbox"/>		
<b>5.5.2</b>	Land treatment/application farming	<input type="checkbox"/>		
<b>5.5.3</b>	Surface Impoundment	<input type="checkbox"/>		
<b>5.5.4</b>	Other disposal	<input type="checkbox"/>		

**SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS**
**6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs)**
**6.1.A Total Quantity Transferred to POTWs and Basis of Estimate**

<b>6.1.A.1. Total Transfers</b> (pounds/year) (enter range code* or estimate)	<b>6.1.A.2 Basis of Estimate</b> (enter code)

<b>6.1.B. ____</b>	POTW Name						
POTW Address							
City		State		County		Zip	

<b>6.1.B. ____</b>	POTW Name						
POTW Address							
City		State		County		Zip	

If additional pages of Part II, Section 6.1 are attached, indicate the total number of pages

 in this box  and indicate the Part II, Section 6.1 page number in this box  (example: 1,2,3, etc.)

**SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS**

<b>6.2. ____</b> Off-Site EPA Identification Number (RCRA ID No.)	
Off-Site Location Name	
Off-Site Address	
City	
State	
County	
Zip	
Is location under control of reporting facility or parent company? <input style="width: 40px;" type="checkbox"/> Yes <input style="width: 40px;" type="checkbox"/> No	



## EPA FORM R

## PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

Toxic Chemical, Category or Generic Name

## SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued)

A. Total Transfers (pounds/year) (enter range code* or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

6.2. \_\_\_ Off-Site EPA Identification Number (RCRA ID No.)

Off-Site location Name

Off-Site Address

City

State

County

Zip

Is location under control of reporting facility or parent company?

☐ Yes☐ No

A. Total Transfers (pounds/year) (enter range code* or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1. M
2.	2.	2. M
3.	3.	3. M
4.	4.	4. M

## SECTION 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

☐

Not Applicable (NA) -

Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Waste Treatment Efficiency Estimate	e. Based on Operating Data ?
<b>7A.1a</b>	<b>7A.1b</b>	<b>7A.1c</b>	<b>7A.1d</b>	<b>7A.1e</b>
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
			%	Yes No <input type="checkbox"/> <input type="checkbox"/>
<b>7A.2a</b>	<b>7A.2b</b>	<b>7A.2c</b>	<b>7A.2d</b>	<b>7A.2e</b>
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
			%	Yes No <input type="checkbox"/> <input type="checkbox"/>
<b>7A.3a</b>	<b>7A.3b</b>	<b>7A.3c</b>	<b>7A.3d</b>	<b>7A.3e</b>
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
			%	Yes No <input type="checkbox"/> <input type="checkbox"/>
<b>7A.4a</b>	<b>7A.4b</b>	<b>7A.4c</b>	<b>7A.4d</b>	<b>7A.4e</b>
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
			%	Yes No <input type="checkbox"/> <input type="checkbox"/>
<b>7A.5a</b>	<b>7A.5b</b>	<b>7A.5c</b>	<b>7A.5d</b>	<b>7A.5e</b>
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
			%	Yes No <input type="checkbox"/> <input type="checkbox"/>

If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box and indicate the Part II, Section 6.2/7A page number in this box :  (example: 1,2,3, etc)

**EPA FORM R****PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)**

TRI Facility ID Number

Toxic Chemical, Category or Generic Name

**SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES**☐

Not Applicable (NA) -

Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1

2

3

4

**SECTION 7C. ON-SITE RECYCLING PROCESSES**☐

Not Applicable (NA) - Check here if no on-site recycling is applied to any waste

stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

**SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES**

		Column A Prior Year (pounds/year)	Column B Current Reporting Year (pounds/year)	Column C Following Year (pounds/year)	Column D Second Following Year (pounds/year)
<b>8.1</b>	Quantity released **				
<b>8.2</b>	Quantity used for energy recovery onsite				
<b>8.3</b>	Quantity used for energy recovery offsite				
<b>8.4</b>	Quantity recycled onsite				
<b>8.5</b>	Quantity recycled offsite				
<b>8.6</b>	Quantity treated onsite				
<b>8.7</b>	Quantity treated offsite				
<b>8.8</b>	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)				
<b>8.9</b>	Production ratio or activity index				
<b>8.10</b>	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.				
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)			
<b>8.10.1</b>		a.	b.	c.	
<b>8.10.2</b>		a.	b.	c.	
<b>8.10.3</b>		a.	b.	c.	
<b>8.10.4</b>		a.	b.	c.	
<b>8.11</b>	Is additional information on source reduction, recycling, or pollution control activities included with this report ? (Check one box)			YES <input type="checkbox"/>	NO <input type="checkbox"/>

\*\* Report releases pursuant to EPCRA Section 329(8) including \*any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated onsite or offsite.



**United States  
Environmental Protection Agency**

**TOXIC CHEMICAL RELEASE INVENTORY  
FORM A**

**WHERE TO SEND COMPLETED FORMS:** 1. EPCRA Reporting Center  
P.O Box 3348  
Merrifield, VA 22116-3348  
ATTN: TOXIC CHEMICAL RELEASE INVENTORY

2. APPROPRIATE STATE OFFICE  
(See instructions in Appendix F)

Enter "X" here if this  
is a revision

For EPA use only

**Important: See instructions to determine when "Not Applicable (NA)" boxes should be checked.**

**PART I. FACILITY IDENTIFICATION INFORMATION**

**SECTION 1. REPORTING YEAR** \_\_\_\_\_

**SECTION 2. TRADE SECRET INFORMATION**

**2.1** Are you claiming the toxic chemical identified on page 2 trade secret?  
☐ Yes (Answer question 2.2;  
Attach substantiation forms) ☐ No (Do not answer 2.2;  
Go to Section 3)

**2.2** Is this copy ☐ Sanitized ☐ Unsanitized  
(Answer only if "YES" in 2.1)

**SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)**

I hereby certify that to the best of my knowledge and belief, for each toxic chemical listed in the statement, the annual reportable amount as defined in 40 CFR 372.27 (a), did not exceed 500 pounds for this reporting year and that the chemical was manufactured, processed, or otherwise used in an amount not exceeding 1 million pounds during this reporting year.

Name and official title of owner/operator or senior management official: \_\_\_\_\_ Signature: \_\_\_\_\_ Date Signed: \_\_\_\_\_

**SECTION 4. FACILITY IDENTIFICATION**

**4.1** TRI Facility ID Number \_\_\_\_\_

Facility or Establishment Name \_\_\_\_\_ Facility or Establishment Name or Mailing Address(if different from street address) \_\_\_\_\_

Street \_\_\_\_\_ Mailing Address \_\_\_\_\_

City/County/State/Zip Code \_\_\_\_\_ City/State/Zip Code \_\_\_\_\_ Country (Non-US) \_\_\_\_\_

**4.2** This report contains information for: (Important : check c or d if applicable)  
c. ☐ A Federal facility d. ☐ GOCO

**4.3** Technical Contact Name \_\_\_\_\_ Telephone Number (include area code) \_\_\_\_\_

**4.4** Intentionally left blank

**4.5** SIC Code (s) (4 digits) \_\_\_\_\_

Primary		b.	c.	d.	e.	f.
a.						

**4.6** Latitude \_\_\_\_\_ Degrees \_\_\_\_\_ Minutes \_\_\_\_\_ Seconds \_\_\_\_\_ Longitude \_\_\_\_\_ Degrees \_\_\_\_\_ Minutes \_\_\_\_\_ Seconds \_\_\_\_\_

**4.7** Dun & Bradstreet Number(s) (9 digits) \_\_\_\_\_ **4.8** EPA Identification Number (RCRA I.D. No.) (12 characters) \_\_\_\_\_ **4.9** Facility NPDES Permit Number(s) (9 characters) \_\_\_\_\_ **4.10** Underground Injection Well Code (UIC) I.D. Number(s) (12 digits) \_\_\_\_\_

a. \_\_\_\_\_ a. \_\_\_\_\_ a. \_\_\_\_\_ a. \_\_\_\_\_  
b. \_\_\_\_\_ b. \_\_\_\_\_ b. \_\_\_\_\_ b. \_\_\_\_\_

**SECTION 5. PARENT COMPANY INFORMATION**

**5.1** Name of Parent Company \_\_\_\_\_ NA ☐

**5.2** Parent Company's Dun & Bradstreet Number \_\_\_\_\_ NA ☐

<b>EPA FORM A</b> <b>PART II. CHEMICAL IDENTIFICATION</b> Do not use this form for reporting PBT chemicals including Dioxin and Dioxin-like Compounds*		<b>TRIFID:</b>  _____
<b>SECTION 1. TOXIC CHEMICAL IDENTITY</b>		Report ____ of ____
1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)	
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)	
1.3	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "yes". Generic Name must be structurally descriptive.)	
<b>SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)</b>		
2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)	
<b>SECTION 1. TOXIC CHEMICAL IDENTITY</b>		Report ____ of ____
1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)	
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)	
1.3	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "yes". Generic Name must be structurally descriptive.)	
<b>SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)</b>		
2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)	
<b>SECTION 1. TOXIC CHEMICAL IDENTITY</b>		Report ____ of ____
1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)	
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)	
1.3	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "yes". Generic Name must be structurally descriptive.)	
<b>SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)</b>		
2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)	
<b>SECTION 1. TOXIC CHEMICAL IDENTITY</b>		Report ____ of ____
1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)	
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)	
1.3	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "yes". Generic Name must be structurally descriptive.)	
<b>SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)</b>		
2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)	

\* See the TRI Reporting Forms and Instructions Manual for the list of PBT Chemicals (including Dioxin and Dioxin-like Compounds)

## **APPENDIX B**

### **STANDARD INDUSTRIAL CLASSIFICATION CODES**

## Appendix B

### STANDARD INDUSTRIAL CLASSIFICATION CODES

#### 10 Metal Mining (except 10 11, 1081 and 1094)

- 1021 Copper Ores
- 1031 Lead and Zinc Ores
- 1041 Gold Ores
- 1044 Silver Ores
- 1061 Ferroalloy Ores, Except Vanadium
- 1099 Miscellaneous Metal Ores, Not Elsewhere Classified

#### 12 Coal Mining (except 1241)

- 1221 Bituminous Coal and Lignite Surface Mining
- 1222 Bituminous Coal Underground Mining
- 1231 Anthracite Mining

#### 20 Food and Kindred Products

- 2011 Meat packing plants
- 2013 Sausages and other prepared meat products
- 2015 Poultry slaughtering and processing
- 2021 Creamery butter
- 2022 Natural, processed, and imitation cheese
- 2023 Dry, condensed and evaporated dairy products
- 2024 Ice cream and frozen desserts
- 2026 Fluid milk
- 2032 Canned specialties
- 2033 Canned fruits, vegetables, preserves, jams and jellies
- 2034 Dried and dehydrated fruits, vegetables, and soup mixes
- 2035 Pickled fruits and vegetables, vegetable sauces and seasonings and salad dressings
- 2037 Frozen fruits, fruit juices and vegetables
- 2038 Frozen specialties, n.e.c.\*
- 2041 Flour and other grain mill products
- 2043 Cereal breakfast foods
- 2044 Rice milling
- 2045 Prepared flour mixes and doughs
- 2046 Wet corn milling
- 2047 Dog and cat food
- 2048 Prepared feeds and feed ingredients for animals and fowls, except dogs and cats
- 2051 Bread and other bakery products, except cookies and crackers
- 2052 Cookies and crackers
- 2053 Frozen bakery products, except bread
- 2061 Cane sugar, except refining
- 2062 Cane sugar refining
- 2063 Beet sugar
- 2064 Candy and other confectionery products

- 2066 Chocolate and cocoa products
- 2067 Chewing gum
- 2068 Salted and roasted nuts and seeds
- 2074 Cottonseed oil mills
- 2075 Soybean oil mills
- 2076 Vegetable oil mills, n.e.c.\*
- 2077 Animal and marine fats and oils
- 2079 Shortening, table oils, margarine, other edible fats and oils, n.e.c.\*
- 2082 Malt beverages
- 2083 Malt
- 2084 Wines, brandy, and brandy spirits
- 2085 Distilled and blended liquors
- 2086 Bottled and canned soft drinks and carbonated waters
- 2087 Flavoring extracts and flavoring syrups, n.e.c.\*
- 2091 Canned and cured fish and seafoods
- 2092 Prepared fresh or frozen fish and seafoods
- 2095 Roasted coffee
- 2096 Potato chips, corn chips, and similar snacks
- 2097 Manufactured ice
- 2098 Macaroni, spaghetti, vermicelli and noodles
- 2099 Food preparations, n.e.c.\*

#### 21 Tobacco Products

- 2111 Cigarettes
- 2121 Cigars
- 2132 Chewing and smoking tobacco and snuff
- 2141 Tobacco stemming and redrying

#### 22 Textile Mill Products

- 2211 Broadwoven fabric mills, cotton
- 2221 Broadwoven fabric inills, manmade fiber and silk
- 2231 Broadwoven fabric mills, wool (including dyeing and finishing)
- 2241 Narrow fabric and other small wares mills: cotton, wool, silk, and manmade fiber
- 2251 Women's full length and knee length hosiery, except socks
- 2252 Hosiery, n.e.c.\*
- 2253 Knit outerwear mills
- 2254 Knit underwear and nightwear mills
- 2257 Weft knit fabric mills
- 2258 Lace and warp knit fabric mills
- 2259 Knitting mills, n.e.c.\*
- 2261 Finishers of Broadwoven fabrics of cotton
- 2262 Finishers of Broadwoven fabrics of manmade fiber and silk
- 2269 Finishers of textiles, n.e.c.\*
- 2273 Carpets and rugs

- 2281 Yarn spinning nulls
- 2282 Yarn texturizing, throwing, twisting and winding mills
- 2284 Thread mills
- 2295 Coated fabrics, not rubberized
- 2296 Tire cord and fabrics
- 2297 Nonwoven fabrics
- 2298 Cordage and twine
- 2299 Textile goods, n.e.c.\*

## **23 Apparel and Other Finished Products made from Fabrics and Other Similar Materials**

- 2311 Men's and boys' suits, coats and overcoats
- 2321 Men's and boys' shirts, except work shirts
- 2322 Men's and boys' underwear and nightwear
- 2323 Men's and boys' neckwear
- 2325 Men's and boys' separate trousers and slacks
- 2326 Men's and boys' work clothing
- 2329 Men's and boys' clothing, n.e.c.\*
- 2331 Women's, misses' and juniors' blouses and shirts
- 2335 Women's, misses' and juniors' dresses
- 2337 Women's, misses' and juniors' suits, skirts, and coats
- 2338 Women's, misses' and juniors', outerwear, n.e.c.\*
- 2341 Women's, misses', children's and infants' underwear and nightwear
- 2342 Brassieres, girdles and allied garments
- 2353 Hats, caps and millinery
- 2361 Girls', children's and infants' dresses, blouses and shirts
- 2369 Girls', children's and infants' outerwear, n.e.c.\*
- 2371 Furgoods
- 2381 Dress and work gloves, except knit and all leather
- 2384 Robes and dressing gowns
- 2385 Waterproof outerwear
- 2386 Leather and sheep lined clothing
- 2387 Apparel belts
- 2389 Apparel and accessories, n.e.c.\*
- 2391 Curtains and draperies
- 2392 House furnishings, except curtains and draperies
- 2393 Textile bags
- 2394 Canvas and related products
- 2395 Pleating, decorative and novelty stitching and tucking for the trade
- 2396 Automotive trimmings, apparel findings and related products
- 2397 Schiffli machine embroideries
- 2399 Fabricated textile products, n.e.c.\*

## **24 Lumber and Wood Products, Except Furniture**

- 2411 Logging
- 2421 Sawmills and planing mills, general
- 2426 Hardwood dimension and flooring mills
- 2429 Special product sawmills, n.e.c.\*
- 2431 Millwork
- 2434 Wood kitchen cabinets
- 2435 Hardwood veneer and plywood
- 2436 Softwood veneer and plywood
- 2439 Structural wood members, n.e.c.\*
- 2441 Nailed and lock corner wood boxes and shook
- 2448 Wood pallets and skids
- 2449 Wood containers, n.e.c.\*
- 2451 Mobile homes
- 2452 Prefabricated wood buildings and components
- 2491 Wood preserving
- 2493 Reconstituted wood products
- 2499 Wood products, n.e.c.\*

## **25 Furniture and Fixtures**

- 2511 Wood household furniture, except upholstered
- 2512 Wood household furniture, upholstered
- 2514 Metal household furniture
- 2515 Mattresses, foundations and convertible beds
- 2517 Wood television, radio, phonograph and sewing machine cabinets
- 2519 Household furniture, n.e.c.\*
- 2521 Wood office furniture
- 2522 Office furniture, except wood
- 2531 Public building and related furniture
- 2541 Wood office and store fixtures, partitions, shelving, and lockers
- 2542 Office and store fixtures, partitions, shelving and lockers, except wood
- 2591 Drapery hardware and window blinds and shades
- 2599 Furniture and fixtures, n.e.c.\*

## **26 Paper and Allied Products**

- 2611 Pulp mills
- 2621 Paper mills
- 2631 Paperboard mills
- 2652 Setup paperboard boxes
- 2653 Corrugated and solid fiber boxes
- 2655 Fiber cans, tubes, drums and similar products
- 2656 Sanitary food containers, except folding
- 2657 Folding paperboard boxes, including sanitary
- 2671 Packaging paper and plastics film, coated and laminated

- 2672 Coated and laminated paper, n.e.c.\*
- 2673 Plastics, foil, and coated paper bags
- 2674 Uncoated paper and multi-wall bags
- 2675 Die-cut paper and paperboard and cardboard
- 2676 Sanitary paper products
- 2677 Envelopes
- 2678 Stationery tablets, and related products
- 2679 Converted paper and paperboard products, n.e.c.\*

## **27 Printing, Publishing and Allied Industries**

- 2711 Newspapers: publishing, or publishing and printing
- 2721 Periodicals: publishing, or publishing and printing
- 2731 Books: publishing, or publishing and printing
- 2732 Book printing
- 2741 Miscellaneous publishing
- 2752 Commercial printing, lithographic
- 2754 Commercial printing, gravure
- 2759 Commercial printing, n.e.c.\*
- 2761 Manifold business forms
- 2771 Greeting cards
- 2782 Blank books, looseleaf binders and devices
- 2789 Bookbinding and related work
- 2791 Typesetting
- 2796 Plate making and related services

## **28 Chemicals and Allied Products**

- 2812 Alkalies and chlorine
- 2813 Industrial gases
- 2816 Inorganic pigments
- 2819 Industrial inorganic chemicals, n.e.c.\*
- 2821 Plastics materials, synthetic resins and non-vulcanizable elastomers
- 2822 Synthetic rubber (vulcanizable elastomers)
- 2823 Cellulosic manmade fibers
- 2823 Manmade organic fibers, except cellulosic
- 2833 Medicinal chemicals and botanical products
- 2834 Pharmaceutical preparations
- 2834 In vitro and in vivo diagnostic substances
- 2836 Biological products, except diagnostic substances
- 2841 Soap and other detergents, except specialty cleaners
- 2842 Specialty cleaning, polishing and sanitation preparations
- 2843 Surface active agents, finishing agents, sulfonated oils and assistants
- 2844 Perfumes, cosmetics and other toilet preparations

- 2851 Paints, varnishes, lacquers, enamels and allied products
- 2861 Gum and wood chemicals
- 2865 Cyclic organic crudes and intermediates and organic dyes and pigments
- 2869 Industrial organic chemicals, n.e.c.\*
- 2873 Nitrogenous fertilizers
- 2874 Phosphatic fertilizers
- 2875 Fertilizers, mixing only
- 2879 Pesticides and agricultural chemicals, n.e.c.\*
- 2891 Adhesives and sealants
- 2892 Explosives
- 2893 Printing ink
- 2895 Carbon black
- 2899 Chemicals and chemical preparations, n.e.c.\*

## **29 Petroleum Refining and Related Industries**

- 2911 Petroleum refining
- 2951 Asphalt paving mixtures and blocks
- 2952 Asphalt felts and coatings
- 2992 Lubricating oils and greases
- 2999 Products of petroleum and coal, n.e.c.\*

## **30 Rubber and Miscellaneous Plastics Products**

- 3011 Tires and inner tubes
- 3021 Rubber and plastics footwear
- 3052 Rubber and plastics hose and belting
- 3053 Gaskets, packing, and sealing devices
- 3061 Molded, extruded and lathe cut mechanical rubber products
- 3069 Fabricated rubber products, n.e.c.\*
- 3081 Unsupported plastics film and sheet
- 3082 Unsupported plastics profile shapes
- 3083 Laminated plastics plate, sheet and profile shapes
- 3084 Plastics pipe
- 3085 Plastics bottles
- 3086 Plastics foam products
- 3087 Custom compounding of purchased plastics resins
- 3088 Plastics plumbing fixtures
- 3089 Plastics products, n.e.c.\*

## **31 Leather and Leather Products**

- 3111 Leather tanning and finishing
- 3131 Boot and shoe cut stock and findings
- 3142 House slippers
- 3143 Men's footwear, except athletic

- 3144 Women's footwear, except athletic
- 3149 Footwear, except rubber, n.e.c.\*
- 3151 Leather gloves and mittens
- 3161 Luggage
- 3171 Women's handbags and purses
- 3172 Personal leather goods, except women's handbags and purses
- 3199 Leather goods, n.e.c.\*

## **32 Stone, Clay, Glass and Concrete Products**

- 3211 Flat glass
- 3221 Glass containers
- 3241 Cement, hydraulic
- 3251 Brick and structural clay tile
- 3253 Ceramic wall and floor tile
- 3255 Clay refractories
- 3259 Structural clay products, n.e.c.\*
- 3261 Vitreous china plumbing fixtures and china and earthenware fittings and bathroom accessories
- 3262 Vitreous china table and kitchen articles
- 3263 Fine earthenware (whiteware) table and kitchen articles
- 3264 Porcelain electrical supplies
- 3269 Pottery products, n.e.c.\*
- 3271 Concrete block and brick
- 3272 Concrete products, except block and brick
- 3273 Ready mixed concrete
- 3274 Lime
- 3275 Gypsum products
- 3281 Cut stone and stone products
- 3291 Abrasive products
- 3292 Asbestos products
- 3295 Minerals and earths, ground or otherwise treated
- 3296 Mineral wool
- 3297 Nonclay refractories
- 3299 Nonmetallic mineral products, n.e.c.\*

## **33 Primary Metal Industries**

- 3312 Steel works, blast furnaces (including coke ovens), and rolling mill
- 3313 Electrometallurgical products, except steel
- 3315 Steel wire drawing and steel nails and spikes
- 3316 Cold-rolled steel sheet, strip and bars
- 3317 Steel pipe and tubes
- 3321 Gray and ductile iron foundries

- 3322 Malleable iron foundries
- 3324 Steel investment foundries
- 3325 Steel foundries, n.e.c.\*
- 3331 Primary smelting and refining of copper
- 3334 Primary production of aluminum
- 3339 Primary smelting and refining of nonferrous metals, except copper and aluminum
- 3341 Secondary smelting and refining of nonferrous metals
- 3351 Rolling, drawing, and extruding of copper
- 3353 Aluminum sheet, plate and foil
- 3354 Aluminum extruded products
- 3355 Aluminum rolling and drawing, n.e.c.\*
- 3356 Rolling, drawing and extruding of nonferrous metals, except copper and aluminum
- 3357 Drawing and insulating of nonferrous wire
- 3363 Aluminum die-castings
- 3364 Nonferrous die-castings, except aluminum
- 3365 Aluminum foundries
- 3366 Copper foundries
- 3369 Nonferrous foundries, except aluminum and copper
- 3398 Metal heat treating
- 3399 Primary metal products, n.e.c.\*

## **32 Fabricated Metal Products, except Machinery and Transportation Equipment**

- 3411 Metal cans
- 3412 Metal shipping barrels, drums, kegs and pails
- 3421 Cutlery
- 3423 Hand and edge tools, except machine tools and handsaws
- 3425 Handsaws and saw blades
- 3429 Hardware, n.e.c.\*
- 3431 Enameled iron and metal sanitary ware
- 3432 Plumbing fixture fittings and trim
- 3433 Heating equipment, except electric and warm air furnaces
- 3441 Fabricated structural metal
- 3442 Metal doors, sash, frames, molding and trim
- 3443 Fabricated plate work (boiler shops)
- 3444 Sheet metal work
- 3446 Architectural and ornamental metal work
- 3448 Prefabricated metal buildings and components
- 3449 Miscellaneous structural metal work
- 3451 Screw machine products
- 3452 Bolts, nuts, screws, rivets and washers
- 3462 Iron and steel forgings
- 3463 Nonferrous forgings
- 3465 Automotive Stampings
- 3468 Crowns and closures
- 3469 Metal stampings, n.e.c.\*
- 3471 Electroplating, plating, polishing, anodizing and coloring

- 3479 Coating, engraving and allied services, n.e.c.\*
- 3482 Small arms ammunition
- 3483 Ammunition, except for small arms
- 3484 Small arms
- 3489 Ordnance and accessories, n.e.c.\*
- 3491 Industrial valves
- 3492 Fluid power valves and hose fittings
- 3493 Steel springs, except wire
- 3494 Valves and pipe fittings, n.e.c.\*
- 3495 Wire springs
- 3496 Miscellaneous fabricated wire products
- 3497 Metal foil and leaf
- 3498 Fabricated pipe and pipe fittings
- 3499 Fabricated metal products, n.e.c.\*

## **35 Industrial and Commercial Machinery and Computer Equipment**

- 3511 Steam, gas and hydraulic turbines and turbine generator set units
- 3519 Internal combustion engines, n.e.c.\*
- 3523 Farm machinery and equipment
- 3524 Lawn and garden tractors and home lawn and garden equipment
- 3531 Construction machinery and equipment
- 3532 Mining machinery and equipment, except oil and gas field machinery and equipment
- 3533 Oil and gas field machinery and equipment
- 3534 Elevators and moving stairways
- 3535 Conveyors and conveying equipment
- 3536 Overhead traveling cranes, hoists and monorail systems
- 3537 Industrial trucks, tractors, trailers and stackers
- 3541 Machine tools, metal cutting types
- 3542 Machine tools, metal forming types
- 3543 Industrial patterns
- 3544 Special dies and tools, die sets, jigs and fixtures and industrial molds
- 3545 Cutting tools, machine tool accessories and machinists' measuring devices
- 3546 Power driven handtools
- 3547 Rolling mill machinery and equipment
- 3548 Electric and gas welding and soldering equipment
- 3549 Metalworking machinery, n.e.c.\*
- 3552 Textile machinery
- 3553 Woodworking machinery
- 3554 Paper industries machinery
- 3555 Printing trades machinery and equipment
- 3556 Food products machinery
- 3559 Special industry machinery, n.e.c.\*
- 3561 Pumps and pumping equipment
- 3562 Ball and roller bearings

- 3563 Air and gas compressors
- 3564 Industrial and commercial fans and blowers and air purification equipment
- 3565 Packaging equipment
- 3566 Speed changers, industrial high speed drives, and gears
- 3567 Industrial process furnaces and ovens
- 3568 Mechanical power transmission equipment, n.e.c.\*
- 3569 General industrial machinery and equipment, n.e.c.\*
- 3571 Electronic computers
- 3572 Computer storage devices
- 3575 Computer terminals
- 3577 Computer peripheral equipment, n.e.c.\*
- 3578 Calculating and accounting machines, except electronic computers
- 3579 Office machines, n.e.c.\*
- 3581 Automatic vending machines
- 3582 Commercial laundry, dry-cleaning and pressing machines
- 3585 Air conditioning and warm air heating equipment and commercial and industrial refrigeration equipment
- 3586 Measuring and dispensing pumps
- 3589 Service industry machinery, n.e.c.\*
- 3592 Carburetors, pistons, piston rings and valves
- 3593 Fluid power cylinders and actuators
- 3594 Fluid power pumps and motors
- 3596 Scales and balances, except laboratory
- 3599 Industrial and commercial machinery and equipment, n.e.c.\*

## **36 Electronic and Other Electrical Equipment and Components, except Computer Equipment**

- 3612 Power, distribution, and specialty transformers
- 3613 Switchgear and switchboard apparatus
- 3621 Motors and generators
- 3624 Carbon and graphite products
- 3625 Relays and industrial controls
- 3629 Electrical industrial appliances, n.e.c.\*
- 3631 Household cooking equipment
- 3632 Household refrigerators and home and farm freezers
- 3633 Household laundry equipment
- 3634 Electrical housewares and fans
- 3635 Household vacuum cleaners
- 3639 Household appliances, n.e.c.\*
- 3641 Electric lampbulbs and tubes
- 3643 Current carrying wiring devices
- 3644 Noncurrent carrying wiring devices
- 3645 Residential electric lighting fixtures

- 3646 Commercial, industrial and institutional electric lighting fixtures
- 3647 Vehicular lighting equipment
- 3648 Lighting equipment, n.e.c.\*
- 3651 Household audio and video equipment
- 3652 Phonograph records and pre-recorded audio tapes and disks
- 3661 Telephone and telegraph apparatus
- 3663 Radio and television broadcasting and communications equipment
- 3669 Communications equipment, n.e.c.\*
- 3671 Electron tubes
- 3672 Printed circuit boards
- 3674 Semiconductors and related devices
- 3675 Electronic capacitors
- 3676 Electronic resistors
- 3677 Electronic coils, transformers and other inductors
- 3678 Electronic connectors
- 3679 Electronic components, n.e.c.\*
- 3691 Storage batteries
- 3692 Primary batteries, dry and wet
- 3694 Electric equipment for internal combustion engines
- 3695 Magnetic and optical recording media
- 3699 Electrical machinery, equipment and supplies, n.e.c.\*

## **37 Transportation Equipment**

- 3711 Motor vehicles and passenger car bodies
- 3713 Truck and bus bodies
- 3714 Motor vehicle parts and accessories
- 3715 Truck trailers
- 3716 Motor homes
- 3721 Aircraft
- 3724 Aircraft engines and engine parts
- 3728 Aircraft parts and auxiliary equipment, n.e.c.\*
- 3731 Ship building and repairing
- 3732 Boat building and repairing
- 3743 Railroad equipment
- 3751 Motorcycles, bicycles and parts
- 3761 Guided missiles and space vehicles
- 3764 Guided missile and space vehicle propulsion units and propulsion unit parts
- 3769 Guided missile and space vehicle parts and auxiliary equipment, n.e.c.\*
- 3792 Travel trailers and campers
- 3795 Tanks and tank components
- 3799 Transportation equipment, n.e.c.\*

## **38 Measuring, Analyzing and Controlling Instruments; Photographic, Medical and Optical Goods; Watches and Clocks**

- 3812 Search, detection, navigation, guidance, aeronautical and nautical systems and instruments
- 3821 Laboratory apparatus and furniture
- 3822 Automatic controls for regulating residential and commercial environments and appliances
- 3823 Industrial instruments for measurement, display, and control of process variables; and related products
- 3824 Totalizing fluid meters and counting devices
- 3825 Instruments for measuring and testing of electricity and electrical signals
- 3826 Laboratory analytical instruments
- 3827 Optical instruments and lenses
- 3829 Measuring and controlling devices, n.e.c.\*
- 3841 Surgical and medical instruments and apparatus
- 3842 Orthopedic, prosthetic and surgical appliances and supplies
- 3843 Dental equipment and supplies
- 3844 X-ray apparatus and tubes and related irradiation apparatus
- 3845 Electromedical and electrotherapeutic apparatus
- 3851 Ophthalmic goods
- 3861 Photographic equipment and supplies
- 3873 Watches, clocks, clockwork operated devices, and parts

## **39 Miscellaneous Manufacturing Industries**

- 3911 Jewelry, precious metal
- 3914 Silverware, plated ware and stainless steel ware
- 3915 Jewelers' findings and materials and lapidary work
- 3931 Musical instruments
- 3942 Dolls and stuffed toys
- 3944 Games, toys and children's vehicles; except dolls and bicycles
- 3949 Sporting and athletic goods, n.e.c.\*
- 3951 Pens, mechanical pencils and parts
- 3952 Lead pencils, crayons and artists' materials
- 3953 Marking devices
- 3955 Carbon paper and inked ribbons
- 3961 Costume jewelry and costume novelties, except precious metal
- 3965 Fasteners, buttons, needles and pins

- 3991 Brooms and brushes
- 3993 Signs and advertising specialties
- 3995 Burial caskets
- 3996 Linoleum, asphalted-felt-base and other hard surface floor coverings, n.e.c.\*
- 3999 Manufacturing industries, n.e.c.\*

## **49 Electric, Gas and Sanitary Services (limited to 4911, 4931, 4939 and 4953)**

- 4911 Electric Services (limited to facilities that combust coal or oil for the purpose of generating electricity for distribution in commerce)
- 4931 Electric and Other Services Combined (limited to facilities that combust coal or oil for the purpose of generating electricity for distribution in commerce)

- 4939 Combination utilities, Not Elsewhere Classified (limited to facilities that combust coal or oil for the purpose of generating electricity for distribution in commerce)
- 4953 Refuse Systems (limited to facilities regulated under the RCRA Subtitle C, 42 U.S.C. section 6921 *et seq.*)

## **51 Wholesale Trade-Nondurable Goods (limited to 5169 and 5171)**

- 5169 Chemical and Allied Products, Not Elsewhere Classified
- 5171 Petroleum Terminals and Bulk Stations

## **73 Business Services (limited to 7389)**

- 7389 Business Services, Not Elsewhere Classified (limited to facilities primarily engaged in solvents recovery services on a contract or fee basis)

## **APPENDIX C**

### **2000 TRI RELEASES and TRANSFERS BY COUNTY BY COMPANY**

## Appendix C - 2000 TRI Releases/Transfers By County By Company

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
ADAIR											
	WOLVERINE WORLD WIDE				KIRKSVILLE						
	DIISOCYANATES			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOLUENE		22,168.00		0.00	0.00	0.00	0.00	0.00	200.00	0.00
	METHYL ETHYL KETONE		11,351.00		0.00	0.00	0.00	0.00	0.00	1,533.00	0.00
AUDRAIN											
	ADM SOYBEAN PROCESSING PLANT				MEXICO						
	N-HEXANE		91,812.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CERRO COPPER CASTING CO.				MEXICO						
	COPPER COMPOUNDS		2,400.00		0.00	1.00	1.00	12.00	0.00	0.00	0.00
	HARBISON WALKER REFRACTORIES VANDALIA				VANDALIA						
	POLYCYCLIC AROMATIC		0.00		0.00	0.00	0.00	590.00	0.00	0.00	0.00
	ALUMINUM (FUME OR DUST)		28.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PHENOL		69.00		0.00	0.00	0.00	202.00	0.00	0.00	0.00
	ETHYLENE GLYCOL		0.00		0.00	0.00	0.00	750.00	0.00	0.00	0.00
	CHROMIUM COMPOUNDS		121.00		0.00	0.00	0.00	13,680.00	0.00	0.00	0.00
	NATIONAL REFRACTORIES & MINERALS CORP.				MEXICO						
	CHROMIUM COMPOUNDS		10.00		1,394.00	0.00	0.00	0.00	0.00	0.00	0.00
	NEXANS MAGNET WIRE USA INC.				MEXICO						
	N-METHYL-2-PYRROLIDONE		750.00		0.00	0.00	0.00	250.00	0.00	13,620.00	0.00
	COPPER		750.00		0.00	0.00	250.00	5,060.00	5,979,143.00	0.00	0.00
	PHENOL		35,970.00		0.00	0.00	0.00	250.00	0.00	36,810.00	0.00
	ETHYLBENZENE		1,460.00		0.00	0.00	0.00	5.00	0.00	4,440.00	0.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		2,4-DIMETHYLPHENOL		3,340.00	0.00	0.00	0.00	250.00	0.00	2,400.00	0.00
		P-CRESOL		1,730.00	0.00	0.00	0.00	250.00	0.00	8,920.00	0.00
		M-CRESOL		2,620.00	0.00	0.00	0.00	250.00	0.00	11,300.00	0.00
		CRESOL (MIXED ISOMERS)		15,450.00	0.00	0.00	0.00	250.00	0.00	65,200.00	0.00
		XYLENE (MIXED ISOMERS)		22,740.00	0.00	0.00	0.00	250.00	0.00	22,770.00	0.00
		1,2,4-TRIMETHYLBENZENE		2,940.00	0.00	0.00	0.00	5.00	0.00	8,630.00	0.00
NORTH AMERICAN REFRACTORIES CO.					FARBER						
		ETHYLENE GLYCOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		PHENOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ALUMINUM (FUME OR DUST)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ROBERTS CONSOLIDATED					MEXICO						
		TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00	210.00	0.00
TEVA PHARMACEUTICALS USA INC.					MEXICO						
		METHANOL		299,850.00	0.00	0.00	0.00	0.00	0.00	3,014,859.00	0.00
		TOLUENE		226,008.00	0.00	0.00	0.00	0.00	0.00	63,451.00	0.00
		PERACETIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TRIETHYLAMINE		500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		SODIUM NITRITE		0.00	0.00	0.00	21,346.00	0.00	0.00	0.00	0.00
		DICHLOROMETHANE		38,328.00	0.00	0.00	0.00	0.00	141,013.00	0.00	351,148.00
		HYDROCHLORIC ACID (1995 AND		500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		AMMONIA		86,581.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		SULFURIC ACID (1994 AND AFTER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRUE MFG. CO. INC.					MEXICO						
		CHLORODIFLUOROMETHANE		17,613.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIISOCYANATES		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		1,1-DICHLORO-1-FLUOROETHANE		24,058.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>BARRY</b>											
	<i>DAIRY FARMERS OF AMERICA INC.</i>				MONETT						
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>E. F. MARSH ENG. CO.</i>				MONETT						
		METHYL ETHYL KETONE		14,547.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>EFCO CORP.</i>				MONETT						
		CERTAIN GLYCOL ETHERS		171,179.00	0.00	0.00	0.00	0.00	0.00	140,107.00	0.00
		CHROMIUM COMPOUNDS		0.00	0.00	0.00	5.00	1,056.00	126,650.00	0.00	0.00
		DIMETHYL PHTHALATE		34,374.00	0.00	0.00	0.00	0.00	0.00	27,931.00	0.00
		COPPER COMPOUNDS		0.00	0.00	0.00	5.00	5,462.00	24,937.00	0.00	0.00
		METHYL ETHYL KETONE		25,443.00	0.00	0.00	0.00	0.00	0.00	20,620.00	0.00
		DIISOCYANATES		0.00	0.00	0.00	0.00	22,804.00	0.00	0.00	0.00
		TOLUENE		50,844.00	0.00	0.00	0.00	0.00	0.00	27,923.00	0.00
		XYLENE (MIXED ISOMERS)		124,230.00	0.00	0.00	0.00	0.00	0.00	101,479.00	0.00
		ETHYLBENZENE		23,940.00	0.00	0.00	0.00	0.00	0.00	19,391.00	0.00
		MANGANESE		0.00	0.00	0.00	0.00	0.00	13,621.00	0.00	0.00
	<i>FASCO INDS.</i>				CASSVILLE						
		XYLENE (MIXED ISOMERS)		25,618.00	0.00	0.00	0.00	0.00	0.00	21,462.00	0.00
		CHROMIUM COMPOUNDS		25,468.00	0.00	0.00	0.00	58,280.00	0.00	0.00	0.00
	<i>GEORGE'S PROCESSING INC. OF MISSOURI</i>				BUTTERFIELD						
		AMMONIA		750.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>HYDRO ALUMINUM WELLS INC.</i>				MONETT						
		METHYL ETHYL KETONE		10,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		39,700.00	0.00	0.00	0.00	0.00	0.00	77,000.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	DIISOCYANATES			1.00	0.00	0.00	0.00	0.00	0.00	0.00	135,315.00
	<i>INTERNATIONAL DEHYDRATED FOODS INC.</i>				MONETT						
	AMMONIA		21,000.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MONETT STEEL CASTINGS</i>				MONETT						
	CHROMIUM		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NICKEL		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>TYSON FOODS INC.</i>				MONETT						
	CHLORINE		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AMMONIA		18,480.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>WILLOW BROOK FOODS</i>				PURDY						
	COPPER COMPOUNDS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AMMONIA		12,257.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>BARTON</b>											
	<i>O'SULLIVAN INDS. INC.</i>				LAMAR						
	MALEIC ANHYDRIDE		250.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FORMALDEHYDE		16,557.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>THORCO IND. INC. PLANT II</i>				LAMAR						
	NICKEL COMPOUNDS		250.00		0.00	0.00	5.00	750.00	1,775.00	0.00	0.00
<b>BOONE</b>											
	<i>3M COLUMBIA</i>				COLUMBIA						
	LEAD COMPOUNDS		0.00		0.00	0.00	33.00	477.00	1,900.00	0.00	0.00
	COPPER COMPOUNDS		0.00		0.00	0.00	430.00	17,000.00	357,400.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		MANGANESE COMPOUNDS		0.00	0.00	0.00	31,000.00	900.00	0.00	0.00	0.00
		NICKEL COMPOUNDS		0.00	0.00	0.00	35.00	9,600.00	4,500.00	0.00	0.00
		ANTIMONY COMPOUNDS		0.00	0.00	0.00	0.00	580.00	800.00	0.00	0.00
	<i>A. B. CHANCE CO.</i>				CENTRALIA						
		COPPER		109.00	0.00	0.00	0.00	0.00	18,525.00	0.00	0.00
		MANGANESE		150.00	0.00	0.00	0.00	0.00	25,422.00	0.00	0.00
		NICKEL COMPOUNDS		20.00	0.00	0.00	0.00	0.00	3,521.00	0.00	0.00
		CHROMIUM COMPOUNDS		108.00	0.00	0.00	0.00	31.00	18,728.00	0.00	0.00
		LEAD		40.00	0.00	0.00	0.00	24.00	5,561.00	0.00	0.00
	<i>AAF INTL.</i>				COLUMBIA						
		DIISOCYANATES		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>COLUMBIA MUNICIPAL POWER PLANT</i>				COLUMBIA						
		ZINC COMPOUNDS		419,167.00	587.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROCHLORIC ACID (1995 AND		71,824.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>FARMLAND FEED MILL</i>				CENTRALIA						
		MANGANESE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COPPER COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>SAFETY-KLEEN SYS. (504201)</i>				COLUMBIA						
		ETHYLENE GLYCOL		2.00	0.00	0.00	0.00	0.00	64,088.00	0.00	0.00
		POLYCYCLIC AROMATIC		11.00	0.00	0.00	0.00	0.00	2,558.00	0.00	0.00
	<i>SPICER AXLE INC.</i>				COLUMBIA						
		N-BUTYL ALCOHOL		11,818.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
	<i>SQUARE D CO.</i>				COLUMBIA						
		NICKEL		0.00	0.00	0.00	15.00	0.00	108,895.00	0.00	0.00
		COPPER		0.00	0.00	0.00	5.00	0.00	303,731.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		CHROMIUM		0.00	0.00	0.00	3.00	0.00	194,969.00	0.00	0.00
		MANGANESE		0.00	0.00	0.00	0.00	0.00	12,259.00	0.00	0.00
	<i>TEXTRON AUTOMOTIVE CO.</i>				COLUMBIA						
		DIISOCYANATES		5.00	0.00	0.00	0.00	0.00	0.00	0.00	750.00
<b>BUCHANAN</b>											
	<i>AG PROCESSING INC.</i>				SAINT JOSEPH						
		NICKEL		0.00	0.00	0.00	250.00	0.00	54,000.00	0.00	0.00
		N-HEXANE	365,000.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>ALBAUGH INC.</i>				SAINT JOSEPH						
		2,4-D	63.00		0.00	2.00	0.00	517.00	0.00	0.00	620.00
		METHOXONE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)	57.00		0.00	0.00	0.00	0.00	0.00	0.00	612.00
		2,4-D 2-ETHYLHEXYL ESTER	1,126.00		0.00	0.00	0.00	0.00	0.00	0.00	1,862.00
		ATRAZINE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TRIFLURALIN	87.00		0.00	0.00	0.00	194.00	0.00	0.00	5,782.00
		DIOXIN AND DIOXIN-LIKE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		2,4-DB	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		2,4-D BUTOXYETHYL ESTER	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIMETHYLAMINE	68.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE	51.00		0.00	0.00	0.00	0.00	0.00	0.00	6,529.00
		N-BUTYL ALCOHOL	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		SODIUM DICAMBA	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CUMENE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BROMOXYNIL	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DICAMBA	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		DIMETHYLAMINE DICAMBA		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NAPHTHALENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>ALTEC INDS. INC.</i>				SAINT JOSEPH						
		STYRENE	18,791.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)	4,429.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>BOEHRINGER INGELHEIM VETMEDICA INC.</i>				SAINT JOSEPH						
		MERCURY COMPOUNDS	0.10		0.00	0.10	2.00	3.00	1.00	0.00	0.00
	<i>FRISKIES PETCARE</i>				SAINT JOSEPH						
		ZINC (FUME OR DUST)	0.00		2.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>HILLYARD INDS. INC.</i>				SAINT JOSEPH						
		CERTAIN GLYCOL ETHERS	761.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL	57.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>HPI PRODS. INC.</i>				SAINT JOSEPH						
		CARBARYL	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MALATHION	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BENDIOCARB	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CAPTAN	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIAZINON	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		PERMETHRIN	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIETHANOLAMINE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		SULFURIC ACID (1994 AND AFTER	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHOXYCHLOR	21.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>JOHNSON CONTROLS BATTERY GROUP INC.</i>				SAINT JOSEPH						
		ANTIMONY COMPOUNDS	1.00		0.00	0.00	0.00	0.00	32,528.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		ARSENIC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	1,574.00	0.00	0.00
		LEAD COMPOUNDS		460.00	0.00	0.00	2.00	5.00	7,940,033.00	0.00	0.00
		<i>NUFARM INC.</i>			SAINT JOSEPH						
		2,4-D		250.00	0.00	0.00	0.00	0.00	0.00	0.00	1,244.00
		1,2,4-TRIMETHYLBENZENE		255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		255.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00
		2,4-D BUTOXYETHYL ESTER		255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		2,4-D 2-ETHYLHEXYL ESTER		1,803.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHOXONE		255.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00
		NAPHTHALENE		255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		<i>OMNIUM L.L.C.</i>			SAINT JOSEPH						
		NAPHTHALENE		3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DICAMBA		0.00	0.00	0.00	0.00	0.00	0.00	0.00	570.00
		CAPTAN		5.00	0.00	0.00	0.00	0.00	0.00	0.00	2,590.00
		TRICHLORFON		0.00	0.00	0.00	0.00	0.00	0.00	0.00	482.00
		2-METHYLLACTONITRILE		32.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METRIBUZIN		2.00	0.00	0.00	0.00	0.00	0.00	0.00	7,206.00
		XYLENE (MIXED ISOMERS)		235.00	0.00	0.00	0.00	0.00	0.00	0.00	165.00
		SIMAZINE		12.00	0.00	0.00	0.00	0.00	0.00	0.00	287.00
		AMMONIA		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		FLUOMETURON		15.00	0.00	0.00	0.00	0.00	0.00	0.00	2,618.00
		TRIFLURALIN		0.04	0.00	0.00	0.00	0.00	0.00	0.00	5,385.00
		ETHYLENE GLYCOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	28,500.00
		CYANAZINE		33.00	0.00	0.00	0.00	7,900.00	0.00	0.00	19,500.00
		ATRAZINE		165.00	0.00	0.00	0.00	0.00	0.00	0.00	46,625.00
		2,4-D		0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,441.00
		METHYL ISOBUTYL KETONE		31,710.00	0.00	0.00	0.00	0.00	0.00	0.00	640.00

				On- and Off-site Releases				Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	PROMETRYN			17.00	0.00	0.00	0.00	0.00	0.00	0.00	18,679.00
	DIURON			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRIME TANNING CORP.					SAINT JOSEPH						
	POTASSIUM			5.00	0.00	5.00	0.00	23,377.00	0.00	0.00	0.00
	CHROMIUM COMPOUNDS			6.00	0.00	5.00	750.00	131,790.00	0.00	0.00	0.00
	CERTAIN GLYCOL ETHERS			222.00	0.00	5.00	0.00	34,875.00	0.00	0.00	0.00
	AMMONIA			252.00	0.00	5.00	0.00	597.00	0.00	0.00	0.00
PURINA MILLS INC.					SAINT JOSEPH						
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SILGAN CONTAINERS MFG. CORP.					SAINT JOSEPH						
	1,2,4-TRIMETHYLBENZENE			23,907.00	0.00	0.00	0.00	0.00	0.00	1,400.00	0.00
	ETHYLBENZENE			3,427.00	0.00	0.00	0.00	0.00	0.00	134.00	0.00
	XYLENE (MIXED ISOMERS)			16,244.00	0.00	0.00	0.00	0.00	0.00	905.00	0.00
	METHYL ETHYL KETONE			200,497.00	0.00	0.00	0.00	0.00	0.00	73,364.00	0.00
	N-BUTYL ALCOHOL			364,563.00	0.00	0.00	0.00	0.00	0.00	2,870.00	0.00
	CERTAIN GLYCOL ETHERS			245,635.00	0.00	0.00	0.00	0.00	0.00	56,167.00	0.00
	METHYL ISOBUTYL KETONE			16,204.00	0.00	0.00	0.00	0.00	0.00	1,987.00	0.00
ST. JOSEPH FOODS					SAINT JOSEPH						
	AMMONIA			250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UTILICORP UNITED INC. LAKE ROAD STATION					SAINT JOSEPH						
	MERCURY COMPOUNDS			1.00	0.00	1.00	0.00	16.00	0.00	0.00	0.00
	BARIUM COMPOUNDS			4,927.00	0.00	872.00	0.00	110,739.00	0.00	0.00	0.00
	HYDROGEN FLUORIDE			26,809.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
VP BUILDINGS INC.					SAINT JOSEPH						
		1,2,4-TRIMETHYLBENZENE		52,525.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-BUTYL ALCOHOL		7,450.00	0.00	0.00	0.00	0.00	0.00	0.00	4,804.00
		XYLENE (MIXED ISOMERS)		42,172.00	0.00	0.00	0.00	0.00	0.00	0.00	24,020.00
		ETHYLBENZENE		7,450.00	0.00	0.00	0.00	0.00	0.00	0.00	4,804.00
WIRE ROPE CORP. OF AMERICA INC. ST.					SAINT JOSEPH						
		NITRATE COMPOUNDS		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BARIUM COMPOUNDS		5.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
BUTLER											
BRIGGS & STRATTON CORP.					POPLAR BLUFF						
		N-BUTYL ALCOHOL		16,294.00	0.00	0.00	0.00	0.00	0.00	99.00	0.00
		HYDROGEN FLUORIDE		82.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		1,815.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00
		ZINC COMPOUNDS		261.00	0.00	0.00	87.00	28,485.00	0.00	0.00	0.00
		COPPER		51.00	0.00	0.00	7.00	46.00	158,113.00	0.00	0.00
		NITRIC ACID		962.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESSEX SPECIALTY PRODS. INC.					POPLAR BLUFF						
		DIISOCYANATES		0.00	0.00	0.00	0.00	0.00	0.00	2,800.00	0.00
		TOLUENE		1,870.00	0.00	0.00	0.00	0.00	0.00	14,200.00	0.00
GATES RUBBER CO.					POPLAR BLUFF						
		ZINC COMPOUNDS		0.00	0.00	5.00	250.00	133,779.00	0.00	0.00	0.00
GATES RUBBER CO. REFURBISHING					POPLAR BLUFF						
		ZINC COMPOUNDS		0.00	0.00	5.00	5.00	7,260.00	0.00	0.00	0.00
POPLAR BLUFF PLANT					POPLAR BLUFF						
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>ROWE FURNITURE</i>				POPLAR BLUFF						
		METHANOL		750.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>CALLAWAY</b>											
	<i>A. P. GREEN INDS. INC.</i>				FULTON						
		POLYCYCLIC AROMATIC		478.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>CAMDEN</b>											
	<i>CHARGER INC.</i>				RICHLAND						
		STYRENE		10,440.00	0.00	0.00	0.00	750.00	0.00	0.00	0.00
<b>CAPE GIRARDEAU</b>											
	<i>BIOKYOWA/KYOWA FOODS</i>				CAPE GIRARDEAU						
		NITRATE COMPOUNDS		0.00	0.00	10,500.00	0.00	163.00	0.00	0.00	0.00
		NITRIC ACID		295.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		AMMONIA		4,300.00	0.00	376,000.00	0.00	8,800.00	0.00	0.00	0.00
		METHANOL		1,352.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		1,404.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>DANA CORP.</i>				CAPE GIRARDEAU						
		METHANOL		750.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COPPER		0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00
		NICKEL		0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00
	<i>FOAMEX L.P.</i>				CAPE GIRARDEAU						
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	750.00	0.00	0.00	0.00
		THIRAM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>LONE STAR INDS. INC.</i>				CAPE GIRARDEAU						
		CRESOL (MIXED ISOMERS)		255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		NAPHTHALENE		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CUMENE		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ISOBUTYL KETONE		500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		O-XYLENE		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ETHYL KETONE		500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE		255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIAMINOTOLUENE (MIXED ISOMERS)		500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TETRACHLOROETHYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BIPHENYL		255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL METHACRYLATE		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		LEAD COMPOUNDS		5.00	21,800.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,1,1-TRICHLOROETHANE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TRICHLOROETHYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MERCURY COMPOUNDS		178.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00
		DICHLOROMETHANE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL COMPOUNDS		250.00	14,600.00	0.00	0.00	0.00	0.00	0.00	0.00
		PHENOL		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS		250.00	1,000.00	0.00	0.00	0.00	3,200.00	0.00	0.00
		BARIUM COMPOUNDS		5.00	10,580.00	0.00	0.00	0.00	0.00	0.00	0.00
		ANTIMONY COMPOUNDS		5.00	1,770.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROCHLORIC ACID (1995 AND	25,600.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BENZENE		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		STYRENE		500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIOXIN AND DIOXIN-LIKE		5.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	NORDENIA USA INC.				JACKSON						
	OZONE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N-METHYL-2-PYRROLIDONE			727.00	0.00	0.00	0.00	0.00	0.00	12,638.00	0.00
	PROCTER & GAMBLE PAPER PRODS. CO.				JACKSON						
	DIOXIN AND DIOXIN-LIKE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SAFETY-KLEEN SYS. (503001)				CAPE GIRARDEAU						
	POLYCYCLIC AROMATIC			27.00	0.00	0.00	0.00	0.00	6,420.00	0.00	0.00
	ETHYLENE GLYCOL			5.00	0.00	0.00	0.00	0.00	106,330.00	0.00	0.00
CARROLL											
	DEXTER AXLE				CARROLLTON						
	MANGANESE			500.00	0.00	0.00	0.00	0.00	2,000.00	0.00	0.00
	RICHARD COX MFG. CO.				CARROLLTON						
	XYLENE (MIXED ISOMERS)			18,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SINCLAIR OIL CORP. CARROLLTON STATION &				CARROLLTON						
	N-HEXANE			1,306.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
	BENZENE			865.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
	ETHYLBENZENE			184.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
	TOLUENE			1,618.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
	1,2,4-TRIMETHYLBENZENE			227.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
	XYLENE (MIXED ISOMERS)			1,080.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
	CARTER										
	ROYAL OAK ENTERPRISES INC. ELLSINORE				ELLSINORE						
	METHANOL			3,082,896.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CASS											

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>CHEMSYN SCIENCE LABS.</i>				HARRISONVILLE						
	METHANOL			8,650.00	0.00	0.00	0.00	0.00	0.00	19,900.00	3,400.00
	N,N-DIMETHYLFORMAMIDE			5.00	0.00	0.00	0.00	0.00	0.00	12,900.00	1,000.00
	<i>SOUTHEAST WOOD</i>				PLEASANT HILL						
	ARSENIC COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CHROMIUM COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>UNIVERSAL FOREST PRODS. WESTERN DIV.</i>				HARRISONVILLE						
	ARSENIC COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CHROMIUM COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>CEDAR</b>											
	<i>DAIRICONCEPTS</i>				EL DORADO SPRINGS						
	NITRIC ACID			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>CHRISTIAN</b>											
	<i>FASCO INDS. INC. MOTOR DIV.</i>				OZARK						
	TRIETHYLAMINE			10,117.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>FIOCCHI OF AMERICA INC.</i>				OZARK						
	ANTIMONY COMPOUNDS			5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	LEAD			30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>LIBERTY IND.</i>				OZARK						
	STYRENE			4,997.00	0.00	0.00	0.00	800.00	0.00	0.00	0.00
	<i>WILCORP INDS. INC. - BIL</i>				BILLINGS						
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	90.00	0.00	0.00	0.00
	METHYL ISOBUTYL KETONE			10.00	0.00	0.00	0.00	0.00	0.00	70.00	100.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		DIISOCYANATES		0.00	0.00	0.00	0.00	0.00	0.00	60.00	80.00
		TOLUENE		20.00	0.00	0.00	0.00	0.00	0.00	300.00	430.00
		METHYL ETHYL KETONE		370.00	0.00	0.00	0.00	0.00	0.00	1,500.00	2,100.00
		XYLENE (MIXED ISOMERS)		20.00	0.00	0.00	0.00	0.00	0.00	100.00	130.00
		CYCLOHEXANE		30.00	0.00	0.00	0.00	0.00	0.00	140.00	220.00
		N-HEXANE		40.00	0.00	0.00	0.00	0.00	0.00	100.00	140.00
<b>CLAY</b>											
	<i>ADM PROCESSING</i>				NORTH KANSAS CITY						
		N-HEXANE	344,013.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>COOK COMPOSITES &amp; POLYMERS CO.</i>				NORTH KANSAS CITY						
		MALEIC ANHYDRIDE	500.00		0.00	0.00	0.00	0.00	0.00	0.00	231.00
		METHYL METHACRYLATE	6,215.00		0.00	0.00	0.00	0.00	0.00	13,909.00	211.00
		STYRENE	19,917.00		0.00	0.00	0.00	0.00	0.00	117,846.00	4,852.00
		PHTHALIC ANHYDRIDE	255.00		0.00	0.00	0.00	0.00	0.00	0.00	151.00
		ETHYLENE GLYCOL	10.00		0.00	0.00	0.00	0.00	0.00	3,659.00	30,219.00
		XYLENE (MIXED ISOMERS)	255.00		0.00	0.00	0.00	0.00	0.00	63,995.00	31,013.00
	<i>DAVIS PAINT CO.</i>				NORTH KANSAS CITY						
		XYLENE (MIXED ISOMERS)	5,546.00		0.00	0.00	0.00	0.00	0.00	97,396.00	0.00
		TOLUENE	1,308.00		0.00	0.00	0.00	0.00	0.00	1,217.00	0.00
		METHYL ETHYL KETONE	336.00		0.00	0.00	0.00	0.00	0.00	6,087.00	0.00
		ETHYLENE GLYCOL	255.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE	1,268.00		0.00	0.00	0.00	0.00	0.00	6,087.00	0.00
	<i>DOUGLAS PRODS. &amp; PACKAGING</i>				LIBERTY						
		METHANOL	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MALATHION	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>EARL CAMPBELL MFG. CO.</i>				NORTH KANSAS CITY						

		On- and Off-site Releases						Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		XYLENE (MIXED ISOMERS)		561.00	0.00	0.00	0.00	0.00	0.00	502.00	0.00
		METHYL ISOBUTYL KETONE		385.00	0.00	0.00	0.00	0.00	0.00	344.00	0.00
		METHYL ETHYL KETONE		439.00	0.00	0.00	0.00	0.00	0.00	392.00	0.00
		N-BUTYL ALCOHOL		488.00	0.00	0.00	0.00	0.00	0.00	436.00	0.00
		TOLUENE		2,038.00	0.00	0.00	0.00	0.00	0.00	1,822.00	0.00
ECOLAB INC.				NORTH KANSAS CITY							
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		SODIUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FORD MOTOR CO. KANSAS CITY ASSEMBLY				CLAYCOMO							
		BENZENE		100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CYCLOHEXANE		4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ISOBUTYL KETONE		392,200.00	0.00	0.00	0.00	0.00	340,000.00	79,000.00	0.00
		ETHYLBENZENE		251,600.00	0.00	0.00	0.00	0.00	95,000.00	63,000.00	0.00
		CERTAIN GLYCOL ETHERS		162,000.00	0.00	0.00	0.00	5,005.00	0.00	17,000.00	0.00
		MANGANESE COMPOUNDS		256.00	0.00	0.00	590.00	9,500.00	0.00	0.00	0.00
		METHYL ETHYL KETONE		20,500.00	0.00	0.00	0.00	0.00	730.00	970.00	0.00
		METHANOL		14,600.00	0.00	0.00	0.00	0.00	0.00	2,700.00	0.00
		N-BUTYL ALCOHOL		121,000.00	0.00	0.00	0.00	0.00	52,000.00	26,000.00	0.00
		TOLUENE		44,000.00	0.00	0.00	0.00	0.00	18,000.00	12,000.00	0.00
		XYLENE (MIXED ISOMERS)		926,400.00	0.00	0.00	0.00	0.00	470,000.00	300,000.00	0.00
		METHYL TERT-BUTYL ETHER		950.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-HEXANE		3,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-METHYL-2-PYRROLIDONE		44,380.00	0.00	0.00	0.00	0.00	0.00	8,500.00	0.00
		PROPYLENE		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL COMPOUNDS		8.00	0.00	0.00	510.00	19,500.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		SODIUM NITRITE		0.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00
		NITRIC ACID		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL		500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		360.00	0.00	0.00	580.00	27,010.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		61,530.00	0.00	0.00	0.00	5.00	33,000.00	12,000.00	0.00
	<i>GILMOUR MFG.</i>				EXCELSIOR SPRINGS						
		DI(2-ETHYLHEXYL) PHTHALATE		0.00	0.00	0.00	0.00	157,017.00	0.00	0.00	0.00
	<i>GO/DAN INDS.</i>				NORTH KANSAS CITY						
		COPPER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		LEAD		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>HERITAGE ENVIRONMENTAL SERVICES L.L.C.</i>				KANSAS CITY						
		NITRIC ACID		500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>JESCO RESOURCES INC.</i>				NORTH KANSAS CITY						
		ANTIMONY COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MODEL STONE MIDWEST</i>				NORTH KANSAS CITY						
		STYRENE		8,667.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>NATIONAL STARCH &amp; CHEMICAL CO.</i>				NORTH KANSAS CITY						
		PROPYLENE OXIDE		2,430.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>OWENS CORNING VINYL OPS. JOPLIN</i>				JOPLIN						
		ANTIMONY COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		MANGANESE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PRAXAIR SURFACE TECHS. INC.</i>				NORTH KANSAS CITY						
		NITRIC ACID	838.00		0.00	0.00	0.00	0.00	0.00	0.00	22,376.00
	<i>SAMUEL BINGHAM CO.</i>				NORTH KANSAS CITY						
		DI(2-ETHYLHEXYL) PHTHALATE	0.00		0.00	0.00	0.00	17,000.00	0.00	0.00	0.00
	<i>SERICOL INC.</i>				NORTH KANSAS CITY						
		CERTAIN GLYCOL ETHERS	5,161.00		0.00	0.00	0.00	0.00	0.00	1,290.00	0.00
	<i>SOUTHWEST TECHS. INC.</i>				NORTH KANSAS CITY						
		ACRYLAMIDE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>STAR BOARDS INC.</i>				NORTH KANSAS CITY						
		STYRENE	2,367.00		0.00	0.00	0.00	250.00	0.00	0.00	0.00
	<i>TNEMEC CO. INC.</i>				NORTH KANSAS CITY						
		METHYL ETHYL KETONE	926.00		0.00	0.00	0.00	0.00	0.00	9,508.00	0.00
		ZINC COMPOUNDS	35.00		0.00	0.00	0.00	750.00	0.00	0.00	0.00
		BARIUM COMPOUNDS	38.00		0.00	0.00	0.00	750.00	0.00	0.00	0.00
		ZINC (FUME OR DUST)	56.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-BUTYL ALCOHOL	3,020.00		0.00	0.00	0.00	0.00	0.00	32,036.00	0.00
		XYLENE (MIXED ISOMERS)	11,370.00		0.00	0.00	0.00	0.00	0.00	95,797.00	0.00
		STYRENE	280.00		0.00	0.00	0.00	0.00	0.00	4,133.00	0.00
		CERTAIN GLYCOL ETHERS	536.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE	1,868.00		0.00	0.00	0.00	0.00	0.00	16,949.00	0.00
		METHYL ISOBUTYL KETONE	3,938.00		0.00	0.00	0.00	0.00	0.00	44,126.00	0.00
		DIISOCYANATES	10.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE	256.00		0.00	0.00	0.00	0.00	0.00	4,133.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>VARIFORM INC.</i>				KEARNEY						
		MANGANESE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ANTIMONY COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>VERTEX PLASTICS INC.</i>				KEARNEY						
		STYRENE	16,490.00		0.00	0.00	0.00	0.00	0.00	250.00	0.00
	<i>WALSH &amp; ASSOCIATES</i>				NORTH KANSAS CITY						
		LEAD		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>WELCO MFG. CO. INC.</i>				NORTH KANSAS CITY						
		ETHYLENE GLYCOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>CLINTON</b>											
	<i>MIDWEST HANGER CO.</i>				CAMERON						
		MANGANESE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>COLE</b>											
	<i>ABB POWER T&amp;D CO. INC.</i>				JEFFERSON CITY						
		NICKEL	5.00		0.00	0.00	250.00	0.00	10,268.00	0.00	0.00
		CHROMIUM	5.00		0.00	0.00	5.00	0.00	8,617.00	0.00	0.00
		METHYL ETHYL KETONE	40,866.00		0.00	0.00	0.00	0.00	46,420.00	0.00	0.00
		COPPER	250.00		0.00	0.00	5.00	1,484.00	173,444.00	0.00	0.00
		CERTAIN GLYCOL ETHERS	50,408.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE	5.00		0.00	0.00	5.00	250.00	4,816.00	0.00	0.00
	<i>DELONG'S INC.</i>				JEFFERSON CITY						

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		PROPYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE		255.00	0.00	0.00	5.00	250.00	17,527.00	0.00	0.00
		ZINC (FUME OR DUST)		250.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
		NICKEL		10.00	0.00	0.00	5.00	250.00	7,011.00	0.00	0.00
	<i>JOHNSON CONTROLS INC. HOOVER</i>				JEFFERSON CITY						
		DIETHANOLAMINE		2,005.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
		TOLUENE DIISOCYANATE (MIXED		165.00	5.00	0.00	0.00	0.00	0.00	0.00	125.00
	<i>MAYTAG APPLIANCES JC6</i>				JEFFERSON CITY						
		COPPER		10.00	0.00	0.00	0.00	0.00	21,600.00	0.00	0.00
		DI(2-ETHYLHEXYL) PHTHALATE		4.00	0.00	0.00	0.00	283.00	0.00	0.00	0.00
		LEAD COMPOUNDS		4.00	0.00	0.00	0.00	3.00	7,927.00	0.00	0.00
	<i>MODINE MFG. CO.</i>				JEFFERSON CITY						
		LEAD		204.00	0.00	250.00	11.00	1,187.00	107,957.00	0.00	0.00
		COPPER		493.00	0.00	8.00	11.00	1,572.00	357,081.00	0.00	0.00
	<i>PHILLIPS PETROLEUM CO. JEFFERSON CITY</i>				JEFFERSON CITY						
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		500.00	250.00	5.00	0.00	0.00	0.00	0.00	0.00
		BENZENE		1,000.00	250.00	0.00	0.00	0.00	5.00	0.00	0.00
		ETHYLBENZENE		500.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL TERT-BUTYL ETHER		255.00	5.00	0.00	0.00	0.00	250.00	0.00	0.00
		TOLUENE		1,000.00	1,100.00	0.00	0.00	0.00	5.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		500.00	250.00	0.00	0.00	0.00	5.00	0.00	0.00
		POLYCYCLIC AROMATIC		3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		PROPYLENE		750.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-HEXANE		1,000.00	250.00	5.00	0.00	0.00	0.00	0.00	0.00
	<i>UNILEVER HPC - USA</i>				JEFFERSON CITY						

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		ZINC COMPOUNDS		5.90	0.00	0.00	250.00	116.00	0.00	0.00	0.00
	<i>VON HOFFMANN PRESS INC.</i>				JEFFERSON CITY						
		CERTAIN GLYCOL ETHERS		5,091.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>COOPER</b>											
	<i>CATERPILLAR BOONVILLE FACILITY</i>				BOONVILLE						
		ZINC COMPOUNDS		10.00	0.00	0.00	0.00	750.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		14,770.00	0.00	0.00	0.00	0.00	0.00	0.00	750.00
		TOLUENE		5,566.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00
	<i>FUQUA HOMES INC.</i>				BOONVILLE						
		DIISOCYANATES		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>NORDYNE INC.</i>				BOONVILLE						
		COPPER		0.00	0.00	0.00	0.00	0.00	186,508.00	0.00	0.00
		CHLORODIFLUOROMETHANE		34,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>CRAWFORD</b>											
	<i>ARNESON TIMBER CO. INC.</i>				STEELVILLE						
		DIOXIN AND DIOXIN-LIKE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>BW FREEMAN INC.</i>				CUBA						
		N-METHYL-2-PYRROLIDONE		144.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL		40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIISOCYANATES		30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MAR-BAL INC.</i>				CUBA						
		STYRENE		5,729.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>OLIN CORP. FINEWELD TUBE FACILITY</i>				CUBA						
		COPPER		0.00	0.00	3.00	4.00	0.00	62.00	0.00	0.00
		MANGANESE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	NICKEL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>DAVIESS</b>											
	<i>LANDMARK MFG. CORP.</i>				GALLATIN						
	NICKEL			0.00	0.00	0.00	0.00	0.00	26,954.00	0.00	0.00
	MANGANESE			0.00	0.00	0.00	0.00	0.00	95,890.00	0.00	0.00
	METHYL ETHYL KETONE		10,757.00		0.00	0.00	0.00	0.00	0.00	2,444.00	0.00
	CHROMIUM			0.00	0.00	0.00	0.00	0.00	28,497.00	0.00	0.00
	<i>PREMIUM STANDARD FARMS COFFEY</i>				PATTONSBURG						
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>DENT</b>											
	<i>ROYAL OAK ENTERPRISES INC.</i>				SALEM						
	METHANOL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>DUNKLIN</b>											
	<i>AMERICAN RAILCAR INDS.</i>				KENNETT						
	MANGANESE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>EMERSON ELECTRIC CO.</i>				KENNETT						
	ETHYLBENZENE		14,003.00		0.00	0.00	0.00	0.00	0.00	4,921.00	0.00
	N-BUTYL ALCOHOL		10,317.00		0.00	0.00	0.00	0.00	0.00	3,638.00	0.00
	NICKEL			0.00	0.00	0.00	0.00	0.00	2,313.00	0.00	0.00
	COBALT			0.00	0.00	0.00	0.00	0.00	171.00	0.00	0.00
	MANGANESE			0.00	0.00	0.00	0.00	514.00	0.00	0.00	0.00
	CHROMIUM			0.00	0.00	0.00	0.00	0.00	2,570.00	0.00	0.00
	COPPER			0.00	0.00	0.00	0.00	250.00	175,146.00	0.00	0.00
	DIISOCYANATES			250.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
FRANKLIN	XYLENE (MIXED ISOMERS)			65,558.00	0.00	0.00	0.00	0.00	0.00	23,016.00	0.00
	<i>FEDERAL-MOGUL CORP.</i>				MALDEN						
	MANGANESE			255.00	0.00	51.00	5.00	52.00	8,237.00	0.00	0.00
	NICKEL			91.00	0.00	17.00	5.00	88.00	13,998.00	0.00	0.00
	COPPER			691.00	0.00	4.00	5.00	453.00	71,897.00	0.00	0.00
	<i>OZARK WIRE LTD. INC.</i>				MALDEN						
	HYDROCHLORIC ACID (1995 AND			9,280.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PARKER HANNIFIN CORP. ACD</i>				KENNETT						
	ZINC COMPOUNDS			250.00	0.00	0.00	5.00	4,789.00	0.00	0.00	0.00
	<i>PRODUCERS MID SOUTH CO.</i>				KENNETT						
	N-HEXANE			844.00	0.00	0.00	0.00	0.00	0.00	11,996.00	0.00
	<i>ST. FRANCIS POWER PLANT</i>				CAMPBELL						
	AMMONIA			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>AEROFIL TECH. INC.</i>				SULLIVAN						
	MALATHION			2,818.00	0.00	0.00	0.00	0.00	0.00	0.00	1,318.00
	DIAZINON			0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,614.00
	TRIFORINE			187.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00
	METHANOL			2,160.00	0.00	0.00	0.00	0.00	0.00	750.00	0.00
	METHOXYCHLOR			14.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00
	N-HEXANE			5,876.00	0.00	0.00	0.00	0.00	0.00	5,143.00	13,400.00
	ETHYLENE GLYCOL			0.00	0.00	0.00	0.00	1,087.00	0.00	0.00	0.00
	1,2,4-TRIMETHYLBENZENE			1,895.00	0.00	0.00	0.00	0.00	0.00	658.00	0.00
	TOLUENE			500.00	0.00	0.00	0.00	0.00	0.00	1,459.00	0.00
	ACEPHATE			500.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00
	N-METHYL-2-PYRROLIDONE			2,018.00	0.00	0.00	0.00	0.00	0.00	583.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		PERMETHRIN		255.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00
		CYCLOHEXANOL		1,331.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
		CYCLOHEXANE		500.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
		CHLOROTHALONIL		0.00	0.00	0.00	0.00	165.00	0.00	0.00	0.00
	AMERON LABADIE POWER STATION				LABADIE						
		COBALT COMPOUNDS		150.00	17,000.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROGEN FLUORIDE		450,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MERCURY COMPOUNDS		658.50	168.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIOXIN AND DIOXIN-LIKE		1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		POLYCHLORINATED BIPHENYLS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VANADIUM COMPOUNDS		92.00	120,000.00	0.00	0.00	0.00	0.00	0.00	0.00
		SULFURIC ACID (1994 AND AFTER		85,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COPPER COMPOUNDS		700.00	88,000.00	330.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		2,300.00	63,000.00	3,300.00	0.00	0.00	0.00	0.00	0.00
		LEAD COMPOUNDS		290.00	15,000.00	87.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE COMPOUNDS		910.00	74,000.00	2,200.00	0.00	0.00	0.00	0.00	0.00
		NICKEL COMPOUNDS		590.00	27,000.00	1,000.00	0.00	0.00	0.00	0.00	0.00
		BARIUM COMPOUNDS		11,000.00	2,900,000.00	32,000.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS		510.00	30,000.00	690.00	0.00	0.00	0.00	0.00	0.00
		HYDROCHLORIC ACID (1995 AND		160,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CANAM STEEL CORP. WASHINGTON MO PLANT				WASHINGTON						
		LEAD		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BARIUM COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ALUMINUM (FUME OR DUST)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		PHOSPHORUS (YELLOW OR WHITE)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC (FUME OR DUST)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COPPER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>CARDINAL BRANDS INC.</i>				WASHINGTON						
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>CONVENIENCE PRODS.</i>				PACIFIC						
		CHLORODIFLUOROMETHANE	1,500.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>CUPPLES PRODS. INC.</i>				UNION						
		NITRIC ACID	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>GDX AUTOMOTIVE</i>				BERGER						
		ZINC COMPOUNDS	0.00		0.00	5.00	0.00	12,582.00	55,657.00	0.00	0.00
		XYLENE (MIXED ISOMERS)	32,705.00		0.00	0.00	0.00	0.00	0.00	2,283.00	626.00
		TOLUENE	66,451.00		0.00	0.00	0.00	0.00	0.00	24,664.00	1,857.00
	<i>INTEGRAM ST LOUIS SEATING</i>				PACIFIC						
		DIISOCYANATES	0.00		0.00	0.00	0.00	0.00	0.00	0.00	250.00
	<i>JEFFERSON PRODS. CO.</i>				WASHINGTON						
		NICKEL	10.00		250.00	0.00	5.00	5.00	6,775.00	0.00	0.00
		TOLUENE	8,896.00		0.00	0.00	0.00	0.00	3,267.00	0.00	0.00
		MANGANESE	5.00		250.00	0.00	5.00	250.00	12,688.00	0.00	0.00
		CHROMIUM	5.00		250.00	0.00	5.00	5.00	6,701.00	0.00	0.00
		AMMONIA	10.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COPPER	10.00		250.00	0.00	5.00	250.00	165,507.00	0.00	0.00
	<i>M &amp; R PLATING</i>				WASHINGTON						
		NICKEL	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COBALT	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	CHROMIUM			5.00	0.00	0.00	250.00	4,600.00	0.00	0.00	0.00
	<i>MARCHEM COATED FABRICS INC.</i>				NEW HAVEN						
	XYLENE (MIXED ISOMERS)			704.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MERAMEC INDS. INC.</i>				SULLIVAN						
	ETHYLENE GLYCOL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIISOCYANATES			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PAUWELS TRANSFORMERS</i>				WASHINGTON						
	COPPER			0.00	0.00	0.00	0.00	0.00	109,471.00	0.00	0.00
	TOLUENE			7,044.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PHARMA TECH. INDS. INC.</i>				UNION						
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	750.00	0.00	0.00	0.00
	<i>PLAZE INC.</i>				SAINT CLAIR						
	N-HEXANE			545.00	0.00	0.00	0.00	0.00	0.00	389.00	0.00
	TOLUENE			11.00	0.00	0.00	0.00	0.00	0.00	253.00	0.00
	TETRACHLOROETHYLENE			11.00	0.00	0.00	0.00	0.00	0.00	136.00	0.00
	XYLENE (MIXED ISOMERS)			11.00	0.00	0.00	0.00	0.00	0.00	857.00	0.00
	DICHLOROMETHANE			22.00	0.00	0.00	0.00	0.00	0.00	2,086.00	0.00
	CERTAIN GLYCOL ETHERS			990.00	0.00	0.00	0.00	0.00	0.00	38,485.00	0.00
	<i>SIESCO VALLEY SCREW PRODS.</i>				UNION						
	COPPER COMPOUNDS			0.00	0.00	0.00	0.00	0.00	86,205.00	0.00	0.00
	<i>SPORLAN VALVE CO. PLANT #1</i>				WASHINGTON						
	TRICHLOROETHYLENE			10,800.00	0.00	0.00	0.00	0.00	1,200.00	0.00	940.00
	COPPER			0.00	0.00	0.00	7.00	4,000.00	0.00	0.00	0.00
	LEAD			0.00	0.00	0.00	0.00	80.00	0.00	0.00	0.00
	<i>SPORLAN VALVE CO. PLANT #3</i>				WASHINGTON						
	TRICHLOROETHYLENE			15,000.00	0.00	0.00	0.00	0.00	0.00	0.00	12,000.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		LEAD		0.00	0.00	0.00	0.00	140.00	0.00	0.00	0.00
		COPPER		0.00	0.00	0.00	10.00	7,000.00	0.00	0.00	0.00
	<i>STEELWELD EQUIPMENT CO. INC.</i>				SAINT CLAIR						
		TOLUENE	115,591.00		0.00	0.00	0.00	0.00	0.00	666.00	0.00
		XYLENE (MIXED ISOMERS)	19,425.00		0.00	0.00	0.00	0.00	0.00	86.00	0.00
	<i>TRADCO INC.</i>				WASHINGTON						
		NITRIC ACID	120.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROGEN FLUORIDE	340.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>TRUE MFG. CO. INC.</i>				PACIFIC						
		DIISOCYANATES	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHLORODIFLUOROMETHANE	21,755.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,1-DICHLORO-1-FLUOROETHANE	29,495.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>GREENE</b>											
	<i>3M SPRINGFIELD</i>				SPRINGFIELD						
		DI(2-ETHYLHEXYL) PHTHALATE	42.00		0.00	0.00	0.00	0.00	0.00	39.00	464.00
		BUTYL ACRYLATE	7.00		0.00	0.00	0.00	0.00	0.00	720.00	1,283.00
		TOLUENE DIISOCYANATE (MIXED	80.00		0.00	0.00	0.00	0.00	0.00	160.00	7,418.00
		MERCURY	0.00		0.00	0.00	0.00	3.00	0.00	0.00	0.00
		TETRABROMOBISPHENOL A	16.00		0.00	0.00	0.00	0.00	0.00	0.00	640.00
		ZINC COMPOUNDS	3,400.00		0.00	0.00	0.00	3,403.00	0.00	0.00	0.00
		METHYL ETHYL KETONE	34,900.00		0.00	0.00	0.00	0.00	0.00	59,000.00	95,800.00
		N-HEXANE	10,800.00		0.00	0.00	0.00	0.00	0.00	5,100.00	13,190.00
		METHANOL	570.00		0.00	0.00	0.00	0.00	0.00	5,200.00	8,600.00
		XYLENE (MIXED ISOMERS)	302.00		0.00	0.00	0.00	0.00	0.00	5,200.00	1,200.00
		CYCLOHEXANE	14,300.00		0.00	0.00	0.00	0.00	0.00	0.00	12,000.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	TOLUENE			67,800.00	0.00	0.00	0.00	0.00	140,000.00	1,226,000.00	389,000.00
	METHYL ISOBUTYL KETONE			5,400.00	0.00	0.00	0.00	0.00	0.00	18,000.00	32,200.00
	DIISOCYANATES			220.00	0.00	0.00	0.00	0.00	0.00	24,200.00	10,200.00
	ALUMINUM (FUME OR DUST)			220.00	0.00	0.00	0.00	1,230.00	0.00	0.00	0.00
	<i>ACME STRUCTURAL INC.</i>				SPRINGFIELD						
	CHROMIUM COMPOUNDS			250.00	0.00	0.00	0.00	0.00	6,000.00	0.00	0.00
	NICKEL COMPOUNDS			250.00	0.00	0.00	0.00	0.00	6,000.00	0.00	0.00
	MANGANESE COMPOUNDS			250.00	0.00	0.00	0.00	0.00	4,000.00	0.00	0.00
	<i>ASH GROVE CEMENT CO. SPRINGFIELD LIME</i>				SPRINGFIELD						
	DIOXIN AND DIOXIN-LIKE			0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>CLARIANT LSM (MISSOURI) INC.</i>				SPRINGFIELD						
	DIOXIN AND DIOXIN-LIKE			0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOLUENE			60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CHLOROMETHANE			15,053.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	METHANOL			8,040.00	0.00	0.00	0.00	0.00	0.00	10,544.00	0.00
	DICHLOROMETHANE			38,708.00	0.00	0.00	0.00	0.00	0.00	7,199.00	0.00
	BROMINE			4,038.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROCHLORIC ACID (1995 AND			6,727.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>DAYCO PRODS. INC. SPRINGFIELD PLANT</i>				SPRINGFIELD						
	TOLUENE			20,700.00	0.00	0.00	0.00	0.00	0.00	30.00	0.00
	DIISOCYANATES			3,205.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00
	ZINC COMPOUNDS			7.00	17,000.00	0.00	25.00	17,000.00	5,630.00	0.00	0.00
	<i>GE INDL. SYS.</i>				SPRINGFIELD						
	BENZO(G,H,I)PERYLENE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CERTAIN GLYCOL ETHERS			9,574.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
	1,2,4-TRIMETHYLBENZENE			16,158.00	0.00	0.00	0.00	0.00	1,161.00	1,153.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	COPPER			137.00	0.00	0.00	13.00	30,010.00	240,005.00	0.00	0.00
	ZINC COMPOUNDS			0.00	0.00	0.00	33.00	8,916.00	0.00	0.00	0.00
	POLYCYCLIC AROMATIC			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE			11.00	0.00	0.00	0.00	245.00	28,109.00	0.00	0.00
	XYLENE (MIXED ISOMERS)			5,976.00	0.00	0.00	0.00	480.00	0.00	2,836.00	0.00
	<i>HAWKER POWER SYS. INC.</i>				SPRINGFIELD						
	METHYL METHACRYLATE			0.00	0.00	0.00	0.00	0.00	0.00	750.00	0.00
	LEAD			40.00	0.00	0.00	0.00	3,000.00	3,913,306.00	0.00	0.00
	<i>HCI CHEMTECH INDS. INC.</i>				SPRINGFIELD						
	XYLENE (MIXED ISOMERS)			63.00	0.00	0.00	0.00	0.00	0.00	1,317.00	0.00
	METHYL ETHYL KETONE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	METHYL ISOBUTYL KETONE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOLUENE			158.00	0.00	0.00	0.00	0.00	0.00	901.00	0.00
	METHANOL			215.00	0.00	0.00	0.00	0.00	0.00	574.00	0.00
	CERTAIN GLYCOL ETHERS			12.00	0.00	0.00	0.00	0.00	0.00	892.00	0.00
	<i>JAMES RIVER POWER STATION</i>				SPRINGFIELD						
	HYDROGEN FLUORIDE			63,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROCHLORIC ACID (1995 AND			300,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BARIUM COMPOUNDS			400.00	297,000.00	2,600.00	0.00	0.00	0.00	0.00	0.00
	MERCURY COMPOUNDS			70.00	120.00	1.00	0.00	0.00	0.00	0.00	0.00
	VANADIUM COMPOUNDS			290.00	100,000.00	30.00	0.00	0.00	0.00	0.00	0.00
	SULFURIC ACID (1994 AND AFTER			130,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			450.00	80,000.00	250.00	0.00	0.00	0.00	0.00	0.00
	<i>KERR-MCGEE CHEMICAL L.L.C.</i>				SPRINGFIELD						
	CREOSOTE			3,000.00	0.00	0.00	0.00	0.00	0.00	4,900.00	0.00
	POLYCYCLIC AROMATIC			0.00	0.00	0.00	0.00	0.00	0.00	470.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>KO MFG. INC.</i>				SPRINGFIELD						
		HYDROGEN FLUORIDE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>KRAFT FOODS N.A. INC.</i>				SPRINGFIELD						
		CHLORINE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>LEGGETT &amp; PLATT INC.</i>				SPRINGFIELD						
		XYLENE (MIXED ISOMERS)	17,857.00		0.00	0.00	0.00	0.00	0.00	2,151.00	0.00
		TOLUENE	10,990.00		0.00	0.00	0.00	0.00	0.00	1,323.00	0.00
	<i>LITTON INTERCONNECT TECH. PCBO</i>				SPRINGFIELD						
		FORMALDEHYDE	250.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COPPER COMPOUNDS	250.00		0.00	0.00	250.00	305,000.00	215,050.00	0.00	0.00
		AMMONIA	3,500.00		0.00	0.00	0.00	0.00	38,200.00	0.00	0.00
		NITRIC ACID	14,600.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE COMPOUNDS	0.00		0.00	0.00	250.00	250.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS	500.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>LOREN COOK CO.</i>				SPRINGFIELD						
		NICKEL	500.00		0.00	0.00	0.00	0.00	25,217.00	0.00	0.00
		NICKEL	500.00		0.00	0.00	0.00	0.00	8,406.00	0.00	0.00
		COPPER	500.00		0.00	0.00	0.00	0.00	25,649.00	0.00	0.00
		MANGANESE	500.00		0.00	0.00	0.00	0.00	58,722.00	0.00	0.00
		CHROMIUM	500.00		0.00	0.00	0.00	0.00	50,435.00	0.00	0.00
		CHROMIUM	500.00		0.00	0.00	0.00	0.00	16,811.00	0.00	0.00
		MANGANESE	500.00		0.00	0.00	0.00	0.00	47,689.00	0.00	0.00
		COPPER	500.00		0.00	0.00	0.00	0.00	12,299.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>OZARKS CULTURED MARBLE</i>				SPRINGFIELD						
	STYRENE			7,304.00	0.00	0.00	0.00	384.00	0.00	0.00	0.00
	<i>PAUL MUELLER CO.</i>				SPRINGFIELD						
	COPPER			250.00	0.00	250.00	250.00	250.00	0.00	0.00	0.00
	CHROMIUM			250.00	0.00	250.00	250.00	750.00	0.00	0.00	0.00
	SULFURIC ACID (1994 AND AFTER			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	XYLENE (MIXED ISOMERS)			15,900.00	0.00	0.00	0.00	0.00	0.00	20,227.00	0.00
	ALUMINUM (FUME OR DUST)			250.00	0.00	250.00	250.00	0.00	0.00	0.00	0.00
	NICKEL			250.00	0.00	250.00	250.00	750.00	0.00	0.00	0.00
	MANGANESE			250.00	0.00	250.00	250.00	250.00	0.00	0.00	0.00
	<i>POSITRONIC INDS. INC.</i>				SPRINGFIELD						
	TRICHLOROETHYLENE			6,863.00	0.00	0.00	0.00	0.00	0.00	3,880.00	0.00
	<i>PRECISION STAINLESS INC.</i>				SPRINGFIELD						
	MANGANESE			5.00	0.00	0.00	0.00	0.00	9,512.00	0.00	0.00
	CHROMIUM			250.00	0.00	0.00	0.00	124.00	86,573.00	0.00	0.00
	NICKEL			250.00	0.00	0.00	0.00	106.00	53,281.00	0.00	0.00
	<i>RIDEWELL CORP.</i>				SPRINGFIELD						
	TOLUENE			19,835.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>SAFETY-KLEEN SYS. (619302)</i>				SPRINGFIELD						
	ETHYLENE GLYCOL			2.00	0.00	0.00	0.00	0.00	76,412.00	0.00	0.00
	POLYCYCLIC AROMATIC			8.00	0.00	0.00	0.00	0.00	1,841.00	0.00	0.00
	<i>SOUTHWEST POWER STATION</i>				BROOKLINE STATION						
	HYDROCHLORIC ACID (1995 AND			21,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROGEN FLUORIDE			42,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SULFURIC ACID (1994 AND AFTER			45,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
GRUNDY	STAINLESS FABRICATION INC.				SPRINGFIELD						
		NICKEL COMPOUNDS		374.00	0.00	0.00	0.00	374.00	29,883.00	0.00	0.00
		MANGANESE COMPOUNDS		68.00	0.00	0.00	0.00	68.00	5,433.00	0.00	0.00
		CHROMIUM COMPOUNDS		645.00	0.00	0.00	0.00	645.00	51,616.00	0.00	0.00
	SUPERIOR FIBERGLASS & RESINS				SPRINGFIELD						
		CERTAIN GLYCOL ETHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		STYRENE		294.00	0.00	0.00	0.00	0.00	250.00	1,464.00	0.00
		METHANOL		643.00	0.00	0.00	0.00	0.00	18.00	0.00	0.00
		ETHYLENE GLYCOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	XYLENE (MIXED ISOMERS)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GRUNDY	SWEETHEART CUP CO. INC.				SPRINGFIELD						
		AMMONIA		6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	WEBCO INC.				SPRINGFIELD						
		CHROMIUM COMPOUNDS		154.00	0.00	0.00	0.00	0.00	39,064.00	0.00	0.00
		NICKEL COMPOUNDS		154.00	0.00	0.00	0.00	0.00	39,064.00	0.00	0.00
		MANGANESE COMPOUNDS		77.00	0.00	0.00	0.00	0.00	15,626.00	0.00	0.00
GRUNDY		XYLENE (MIXED ISOMERS)		27,312.00	0.00	0.00	0.00	0.00	0.00	1,540.00	0.00
		TOLUENE		17,737.00	0.00	0.00	0.00	0.00	0.00	1,177.00	0.00
	MODINE MFG. CO.				TRENTON						
		DIISOCYANATES		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE		5.00	0.00	0.00	0.00	0.00	3,169.00	0.00	0.00
		COPPER		28.00	0.00	2.00	5.00	2,124.00	210,902.00	0.00	0.00
GRUNDY		LEAD		59.00	0.00	36.00	9.00	895.00	123,406.00	0.00	0.00

## HENRY

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>HOLMES GROUP INC. RIVAL DIV. MFG.</i>				CLINTON						
	COPPER			0.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
	STYRENE			0.00	0.00	0.00	0.00	0.00	750.00	0.00	0.00
	<i>MONTROSE</i>				CLINTON						
	DIOXIN AND DIOXIN-LIKE			0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VANADIUM COMPOUNDS			840.00	17,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS			620.00	9,500.00	0.00	0.00	0.00	0.00	0.00	0.00
	MERCURY COMPOUNDS			100.00	21.00	0.00	0.00	0.00	1.00	0.00	0.00
	COPPER COMPOUNDS			400.00	14,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	BARIUM COMPOUNDS			24,000.00	370,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROGEN FLUORIDE			85,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROCHLORIC ACID (1995 AND			19,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>TRACKER MARINE CLINTON</i>				CLINTON						
	TOLUENE			6,261.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N-HEXANE			6,261.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	STYRENE			229,893.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	METHYL METHACRYLATE			31,490.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>HOLT</b>											
	<i>EXIDE TECHS. CANON HOLLOW PLANT</i>				FOREST CITY						
	ANTIMONY COMPOUNDS			0.00	14,000.00	12.00	0.00	0.00	0.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			0.11	1.00	0.00	0.00	0.00	0.00	0.00	0.00
	LEAD COMPOUNDS			360.00	53,000.00	2.00	0.00	0.00	0.00	0.00	0.00
	ARSENIC COMPOUNDS			0.00	5,600.00	1.00	0.00	0.00	0.00	0.00	0.00
<b>HOWARD</b>											
	<i>BOB MONNIG INDUS. INC.</i>				GLASGOW						
	AMMONIA			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
CEDARAPIDS INC. STANDARD HAVENS DIV.	ZINC COMPOUNDS			1,989.00	0.00	0.00	0.00	14,704.00	269,109.00	0.00	0.00
	LEAD			10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SULFURIC ACID (1994 AND AFTER			608.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					GLASGOW						
	MANGANESE COMPOUNDS			2.00	0.00	0.00	0.00	0.00	750.00	0.00	0.00
	HOWELL										
					WEST PLAINS						
BRUCE HARDWOOD FLOORING L.P. WEST	N-BUTYL ALCOHOL			10,245.00	0.00	0.00	0.00	0.00	0.00	1,236.00	0.00
	METHYL ISOBUTYL KETONE			29,711.00	0.00	0.00	0.00	0.00	0.00	6,500.00	0.00
HIGH PERFORMANCE HOSE FACILITY					POMONA						
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	8,300.00	9,300.00	0.00	0.00
INVENSYS APPLIANCE CONTROLS					WEST PLAINS						
	MERCURY			1.00	29.00	0.00	29.00	0.00	0.00	0.00	0.00
	COPPER			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARATHON ELECTRIC					WEST PLAINS						
	MANGANESE			0.00	0.00	0.00	0.00	0.00	3,355.00	0.00	0.00
	COPPER			0.00	0.00	0.00	0.00	0.00	70,844.00	0.00	0.00
SYSTEMS & ELECTRONICS INC.					WEST PLAINS						
	CHROMIUM COMPOUNDS			29.00	0.00	0.00	0.00	4,860.00	0.00	0.00	0.00
IRON											
BUICK MINE/MILL					BOSS						
	NICKEL COMPOUNDS			3,779.00	386,059.00	0.00	0.00	0.00	0.00	0.00	0.00
	COBALT COMPOUNDS			255.00	298,312.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			1,350.00	1,365,110.00	250.00	0.00	0.00	0.00	0.00	0.00
	LEAD COMPOUNDS			33,933.00	5,673,115.00	250.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	ZINC COMPOUNDS			7,709.00	3,445,417.00	2,747.00	0.00	0.00	0.00	0.00	0.00
	<i>DOE RUN CO. RECYCLING FACILITY</i>				BOSS						
	CHROMIUM COMPOUNDS			0.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANTIMONY COMPOUNDS			1,000.00	0.00	250.00	0.00	403,143.00	0.00	0.00	0.00
	LEAD COMPOUNDS			36,598.00	0.00	250.00	0.00	2,294,814.00	0.00	0.00	0.00
	ARSENIC COMPOUNDS			500.00	0.00	250.00	0.00	18,606.00	0.00	0.00	0.00
	<i>DOE RUN CO. GLOVER SMELTER</i>				GLOVER						
	COBALT COMPOUNDS			118.00	88,912.00	2.00	0.00	0.00	0.00	0.00	0.00
	LEAD COMPOUNDS			42,856.00	1,676,392.00	3.00	0.00	522.00	2.00	0.00	0.00
	CADMIUM COMPOUNDS			1,046.00	6,397.00	2.00	0.00	0.00	0.00	0.00	0.00
	ANTIMONY COMPOUNDS			16.00	9,606.00	3.00	0.00	0.00	0.00	0.00	0.00
	NICKEL COMPOUNDS			58.00	21,995.00	3.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			9,025.00	3,933,444.00	4.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			533.00	211,300.00	2.00	0.00	0.00	0.00	0.00	0.00
	<i>ISP MINERALS INC.</i>				ANNAPOLIS						
	CHROMIUM COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>VIBURNUM MINES/MILL</i>				VIBURNUM						
	LEAD COMPOUNDS			20,499.00	2,304,807.00	3,835.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			1,705.00	890,198.00	500.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			4,352.00	1,742,366.00	4,695.00	0.00	0.00	0.00	0.00	0.00
<b>JACKSON</b>											
	<i>ACOUSTISEAL INC.</i>				KANSAS CITY						
	ZINC COMPOUNDS			0.00	750.00	0.00	0.00	3,166.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
AERO TRANSPORTATION PRODS. INC.					INDEPENDENCE						
	TOLUENE			798.00	0.00	0.00	0.00	0.00	588.00	0.00	0.00
	STYRENE			16,417.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AGCO MFG. GROUP					INDEPENDENCE						
	METHYL ETHYL KETONE			0.00	0.00	0.00	0.00	0.00	0.00	15,009.00	0.00
	XYLENE (MIXED ISOMERS)			3,090.00	0.00	0.00	0.00	0.00	0.00	17,904.00	0.00
AMERICAN INGREDIENTS CO.					GRANDVIEW						
	CERTAIN GLYCOL ETHERS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUTOMATIC SYS. INC.					KANSAS CITY						
	MANGANESE			4.00	114.00	0.00	0.00	0.00	7,769.00	0.00	0.00
AVENTIS PHARMACEUTICALS INC.					KANSAS CITY						
	POLYCYCLIC AROMATIC			119.20	0.00	0.30	0.00	0.00	0.00	0.00	3.00
BALL METAL BEVERAGE CONTAINER CORP.					KANSAS CITY						
	SULFURIC ACID (1994 AND AFTER			78.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROGEN FLUORIDE			119.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N-BUTYL ALCOHOL			43,000.00	0.00	0.00	0.00	0.00	0.00	0.00	201.00
	CERTAIN GLYCOL ETHERS			63,000.00	0.00	0.00	0.00	0.00	0.00	0.00	489.00
	MANGANESE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAYER CORP. AGRICULTURE DIV.					KANSAS CITY						
	CYFLUTHRIN			3.00	0.00	22.00	0.00	0.00	0.00	0.00	790.00
	TRICHLORFON			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N-BUTYL ALCOHOL			770.00	0.00	1.00	0.00	0.00	0.00	0.00	43.00
	BROMOMETHANE			5,725.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CHLOROMETHANE			3,242.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CHLORINE			1,117.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ETHYLENE GLYCOL			31.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		FORMALDEHYDE		97.00	0.00	92.00	0.00	0.00	0.00	0.00	0.00
		CARBON DISULFIDE		2,274.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDRAZINE		143.00	0.00	1,141.00	0.00	0.00	0.00	0.00	0.00
		HYDROCHLORIC ACID (1995 AND		12,168.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		2,4-DICHLOROPHENOL		179.00	0.00	26.00	0.00	0.00	0.00	0.00	63.00
		METRIBUZIN		37.00	0.00	6.00	0.00	0.00	0.00	0.00	13,789.00
		XYLENE (MIXED ISOMERS)		804.00	0.00	0.00	0.00	0.00	0.00	0.00	326.00
		VINYL CHLORIDE		74.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		S,S,S-TRIBUTYLTRITHIOPHOSPHAT		0.00	0.00	12.00	0.00	0.00	0.00	0.00	85.00
		TRIADIMEFON		2.00	0.00	0.00	0.00	0.00	0.00	0.00	458.00
		NAPHTHALENE		3.00	0.00	1.00	0.00	0.00	0.00	0.00	199.00
		HYDROGEN FLUORIDE		574.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ISOBUTYL KETONE		2,773.00	0.00	0.00	0.00	0.00	0.00	0.00	3,709.00
		METHANOL		657.00	0.00	6,011.00	0.00	0.00	0.00	0.00	22.00
		MERPHOS		0.00	0.00	4.00	0.00	0.00	0.00	0.00	4.00
		AMMONIA		1,965.00	0.00	1,464.00	0.00	0.00	0.00	0.00	0.00
		ATRAZINE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		16,164.00	0.00	13.00	0.00	0.00	0.00	0.00	6,571.00
BP AMOCO SUGAR CREEK TERMINAL				SUGAR CREEK							
		XYLENE (MIXED ISOMERS)		465.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
		TOLUENE		1,145.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
		ETHYLBENZENE		100.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
		1,2,4-TRIMETHYLBENZENE		215.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-HEXANE		545.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
		BENZENE		555.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>BROCK GRAIN &amp; FEED</i>				KANSAS CITY						
	MANGANESE			1,466.00	0.00	0.00	0.00	0.00	63,429.00	0.00	0.00
	ZINC COMPOUNDS			1,942.00	0.00	0.00	0.00	0.00	158,806.00	0.00	0.00
	<i>CARGILL INC. SOYBEAN PROCESSING PLANT</i>				KANSAS CITY						
	N-HEXANE			297,792.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00
	<i>CHEMCENTRAL/KANSAS CITY</i>				KANSAS CITY						
	N-BUTYL ALCOHOL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIETHANOLAMINE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOLUENE			1,000.00	0.00	0.00	0.00	0.00	0.00	750.00	0.00
	N-HEXANE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1,2,4-TRIMETHYLBENZENE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DICHLOROMETHANE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DI(2-ETHYLHEXYL) PHTHALATE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIBUTYL PHTHALATE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	METHANOL			1,000.00	0.00	0.00	0.00	0.00	0.00	750.00	0.00
	CERTAIN GLYCOL ETHERS			500.00	0.00	0.00	0.00	0.00	0.00	750.00	0.00
	ETHYLBENZENE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ETHYLENE GLYCOL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	METHYL ISOBUTYL KETONE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CUMENE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	METHYL ETHYL KETONE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	XYLENE (MIXED ISOMERS)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>CITY OF INDEPENDENCE</i>				INDEPENDENCE						
	SULFURIC ACID (1994 AND AFTER			9,790.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MERCURY COMPOUNDS			3.10	23.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROCHLORIC ACID (1995 AND			113,208.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		BARIUM COMPOUNDS		643.00	23,255.00	0.00	5.00	0.00	0.00	0.00	0.00
		CHLORINE		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		909.00	32,785.00	0.00	5.00	0.00	0.00	0.00	0.00
	<i>COOK BROS. INSULATION INC.</i>				KANSAS CITY						
		CHLOROETHANE		923.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CYCLOHEXANE		245.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		245.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-HEXANE		3,429.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,1-DICHLORO-1-FLUOROETHANE		2,188.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>CURT BEAN LUMBER CO.</i>				BUCKNER						
		ARSENIC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COPPER COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>FABTECH INC.</i>				LEES SUMMIT						
		METHANOL		7,777.00	0.00	0.00	0.00	0.00	0.00	0.00	23,332.00
		NITRIC ACID		205.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROGEN FLUORIDE		119.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MERCURY		0.00	0.00	0.00	0.00	0.00	11.00	0.00	0.00
	<i>FLINT INK N.A. CORP.</i>				KANSAS CITY						
		BARIUM COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>GENERAL MILLS OPS.</i>				KANSAS CITY						
		CHLORINE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BROMOMETHANE		16,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>GST STEEL CO. A DIV. OF GS TECHS.</i>				KANSAS CITY						
		MANGANESE COMPOUNDS		5,750.00	0.00	0.00	0.00	0.00	480,000.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		CHROMIUM COMPOUNDS		500.00	0.00	0.00	0.00	0.00	27,000.00	0.00	0.00
		ZINC COMPOUNDS		36,600.00	0.00	250.00	0.00	0.00	3,600,000.00	0.00	0.00
		LEAD COMPOUNDS		1,750.00	0.00	250.00	0.00	0.00	170,000.00	0.00	0.00
		COPPER COMPOUNDS		500.00	0.00	0.00	0.00	0.00	29,000.00	0.00	0.00
		NICKEL COMPOUNDS		255.00	0.00	0.00	0.00	0.00	2,900.00	0.00	0.00
	<i>HALLMARK CARDS INC.</i>				KANSAS CITY						
		NITRIC ACID		56.00	0.00	0.00	0.00	522.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL COMPOUNDS		0.00	0.00	0.00	5.00	250.00	6,834.00	0.00	0.00
	<i>HARSCO CO. HECKETT MULTISERV PLANT 19</i>				KANSAS CITY						
		MANGANESE		220.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE COMPOUNDS		220.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>HAVENS STEEL CO.</i>				KANSAS CITY						
		METHYL ETHYL KETONE		10,307.00	0.00	0.00	0.00	0.00	0.00	623.00	0.00
		METHYL ISOBUTYL KETONE		165.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00
		ETHYLBENZENE		693.00	0.00	0.00	0.00	0.00	0.00	42.00	0.00
		TOLUENE		369.00	0.00	0.00	0.00	0.00	0.00	22.00	0.00
		XYLENE (MIXED ISOMERS)		3,555.00	0.00	0.00	0.00	0.00	0.00	215.00	0.00
	<i>HCI CHEMTECH INDS. INC.</i>				KANSAS CITY						
		METHANOL		992.00	0.00	0.00	0.00	0.00	0.00	13,251.00	0.00
		XYLENE (MIXED ISOMERS)		61.00	0.00	0.00	0.00	0.00	0.00	956.00	0.00
		METHYL ETHYL KETONE		179.00	0.00	0.00	0.00	0.00	0.00	517.00	0.00
		ATRAZINE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TETRACHLOROETHYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRICHLOROBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-HEXANE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHLORINE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		DICHLOROMETHANE		300.00	0.00	0.00	0.00	0.00	0.00	1,423.00	0.00
		TOLUENE		134.00	0.00	0.00	0.00	0.00	0.00	3,739.00	0.00
		ETHYLENE GLYCOL		17.00	0.00	0.00	0.00	0.00	0.00	4,334.00	0.00
		DI(2-ETHYLHEXYL) PHTHALATE		3.00	0.00	0.00	0.00	0.00	0.00	601.00	0.00
		METHYL ISOBUTYL KETONE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>HEMCO CORP. 130130</i>				INDEPENDENCE						
		STYRENE		4,388.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL METHACRYLATE		66.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>KOCH MATERIALS CO.</i>				KANSAS CITY						
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>LABCONCO CORP.</i>				KANSAS CITY						
		STYRENE		5,015.00	0.00	0.00	0.00	0.00	0.00	685.00	0.00
	<i>LAFARGE CORP. SUGAR CREEK PLANT</i>				SUGAR CREEK						
		DIOXIN AND DIOXIN-LIKE		1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MERCURY		10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>LUBAR CHEMICAL CO.</i>				KANSAS CITY						
		CERTAIN GLYCOL ETHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROCHLORIC ACID (1995 AND		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		DICHLOROMETHANE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MARTIN FNDY. CO. INC.</i>				KANSAS CITY						
		COPPER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MIDWEST HANGER CO.</i>				KANSAS CITY						
		CHROMIUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MISSION PLASTICS NORTH</i>				GRANDVIEW						
		DI(2-ETHYLHEXYL) PHTHALATE		0.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
	<i>MISSOURI M.P.P. CORP.</i>				KANSAS CITY						
		SULFURIC ACID (1994 AND AFTER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MISSOURI PLATING CO.</i>				KANSAS CITY						
		ZINC COMPOUNDS		750.00	0.00	0.00	250.00	14,000.00	0.00	0.00	0.00
		NICKEL COMPOUNDS		250.00	0.00	0.00	250.00	1,800.00	0.00	0.00	0.00
	<i>MR. LONGARM INC.</i>				GREENWOOD						
		STYRENE	7,300.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>NATIONAL ALUMINUM BRASS FNDY. INC.</i>				INDEPENDENCE						
		COPPER	255.00		0.00	5.00	0.00	15,568.00	80,587.00	0.00	0.00
	<i>NORTH AMERICAN GALVANIZING CO. KANSAS</i>				KANSAS CITY						
		LEAD	10.00		0.00	0.00	0.00	1.00	8.00	0.00	0.00
		ZINC COMPOUNDS	1,288.00		0.00	0.00	0.00	19,890.00	13,388.00	0.00	0.00
	<i>PAULO PRODS. CO.</i>				KANSAS CITY						
		AMMONIA	2,200.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PERFORMANCE ROOF SYS.</i>				KANSAS CITY						
		BENZO(G,H,I)PERYLENE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>QUEBECOR WORLD EAGLE INC.</i>				KANSAS CITY						
		1,2,4-TRIMETHYLBENZENE	9,207.00		0.00	0.00	0.00	0.00	0.00	11,510.00	0.00
	<i>ROBERTS DAIRY</i>				KANSAS CITY						
		NITRIC ACID	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>ROTADYNE ROLL GROUP</i>				KANSAS CITY						
		DI(2-ETHYLHEXYL) PHTHALATE	655.00		0.00	0.00	0.00	15,567.00	0.00	0.00	0.00
	<i>SAFETY-KLEEN SYS. (508502)</i>				INDEPENDENCE						
		ETHYLENE GLYCOL	7.00		0.00	0.00	0.00	0.00	211,500.00	0.00	0.00
		POLYCYCLIC AROMATIC	27.00		0.00	0.00	0.00	0.00	6,373.00	0.00	0.00
	<i>SIBLEY GENERATING STATION</i>				SIBLEY						
		MANGANESE COMPOUNDS	1,923.00		31,957.00	1,819.00	0.00	0.00	0.00	0.00	0.00
		COPPER COMPOUNDS	631.00		15,486.00	31.00	0.00	0.00	0.00	0.00	0.00
		BARIUM COMPOUNDS	20,538.00		503,152.00	3,396.00	0.00	0.00	0.00	0.00	0.00
		HYDROCHLORIC ACID (1995 AND	59,753.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROGEN FLUORIDE	112,160.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		SULFURIC ACID (1994 AND AFTER	34,231.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MERCURY COMPOUNDS	8.00		72.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIOXIN AND DIOXIN-LIKE	0.64		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL COMPOUNDS	710.00		16,536.00	282.00	0.00	0.00	0.00	0.00	0.00
		CHLORINE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS	9,234.00		226,187.00	574.00	0.00	0.00	0.00	0.00	0.00
	<i>SOLVENT RECOVERY CORP.</i>				KANSAS CITY						
		TETRACHLOROETHYLENE	250.00		0.00	0.00	0.00	0.00	124,191.00	0.00	461.00
	<i>TIFFANY MARBLE INC.</i>				LEES SUMMIT						
		STYRENE	4,140.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>U.S. ARMY LAKE CITY ARMY AMMUNITION</i>				INDEPENDENCE						
		MERCURY COMPOUNDS		0.00	0.00	0.00	0.00	22.00	0.00	0.00	0.00
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		328.00	0.00	39.00	185.00	419.00	404,936.00	0.00	0.00
		LEAD COMPOUNDS		78.00	0.00	23.00	42.00	7,684.00	131,127.00	0.00	0.00
		NITROGLYCERIN		4.00	0.00	0.00	0.00	0.00	0.00	0.00	8,951.00
		ALUMINUM (FUME OR DUST)		1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ANTIMONY		2.00	0.00	0.00	182.00	565.00	5,467.00	0.00	0.00
		COPPER		1.00	0.00	14.00	311.00	19,544.00	1,105,585.00	0.00	0.00
		DIBUTYL PHTHALATE		1.00	0.00	0.00	0.00	0.00	0.00	89.00	0.00
	<i>U.S. DOE KANSAS CITY PLANT</i>				KANSAS CITY						
		NITRIC ACID		240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>VANCE BROS. INC.</i>				KANSAS CITY						
		ANTHRACENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NAPHTHALENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		PHENANTHRENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIBENZOFURAN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>WIRE ROPE CORP. OF AMERICA INC. KANSAS</i>				KANSAS CITY						
		ZINC COMPOUNDS		5.00	0.00	0.00	5.00	1,289.00	0.00	0.00	0.00
		BARIUM COMPOUNDS		5.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases				Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG
JASPER										
	ABLE BODY CORP.				JOPLIN					
	TOLUENE			0.00	0.00	0.00	0.00	0.00	2,115.00	0.00
	METHYL METHACRYLATE		20,101.00		0.00	0.00	0.00	0.00	7,660.00	0.00
	XYLENE (MIXED ISOMERS)		2,765.00		0.00	0.00	0.00	0.00	2,115.00	0.00
	STYRENE		153,414.00		0.00	0.00	0.00	0.00	67,025.00	0.00
	METHYL ETHYL KETONE		3,903.00		0.00	0.00	0.00	0.00	2,115.00	0.00
	ABLE FIBERGLASS INC.				JOPLIN					
	STYRENE		113,806.00		0.00	0.00	0.00	0.00	300.00	0.00
	METHYL METHACRYLATE		1,601.00		0.00	0.00	0.00	0.00	0.00	0.00
	ADM MILLING CO. CARTHAGE FLOUR MILL				CARTHAGE					
	CHLORINE			0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ASBURY GENERATING STATION				ASBURY					
	MERCURY COMPOUNDS		34.00		56.00	0.00	0.00	0.00	78.00	0.00
	DIOXIN AND DIOXIN-LIKE		1.23		0.00	0.00	0.00	0.00	0.00	0.00
	BARIUM COMPOUNDS		13,579.00		363,625.00	0.00	0.00	0.00	0.00	0.00
	HYDROGEN FLUORIDE		63,401.00		0.00	0.00	0.00	0.00	0.00	0.00
	HYDROCHLORIC ACID (1995 AND		224,159.00		0.00	0.00	0.00	0.00	0.00	0.00
	SULFURIC ACID (1994 AND AFTER		42,485.00		0.00	0.00	0.00	0.00	0.00	0.00
	BLEVINS ASPHALT CONSTRUCTION CO. INC.				CARTHAGE					
	POLYCYCLIC AROMATIC		0.20		0.00	0.00	0.00	0.00	0.00	0.00
	BENZO(G,H,I)PERYLENE		0.00		0.00	0.00	0.00	0.00	0.00	0.00
	BLEVINS ASPHALT CONSTRUCTION CO. INC.				CARTHAGE					
	POLYCYCLIC AROMATIC		0.06		0.00	0.00	0.00	0.00	0.00	0.00
	CARDINAL SCALE MFG. CO.				WEBB CITY					
	LEAD			0.00	0.00	0.00	0.00	0.00	0.00	0.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
DYNO NOBEL INC. CARTHAGE PLANT					CARTHAGE						
		NITROGLYCERIN		0.00	0.00	1.00	0.00	0.00	0.00	0.00	2.00
		AMMONIA	23,163.00		0.00	793.00	0.00	0.00	0.00	0.00	11,755.00
		NITRATE COMPOUNDS	0.00		0.00	3,256.00	0.00	0.00	0.00	0.00	191,114.00
		NITRIC ACID	1,150.00		5,650.00	0.00	0.00	0.00	0.00	0.00	0.00
		SULFURIC ACID (1994 AND AFTER	76.00		8,050.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL	358.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS	0.00		2.00	2.00	0.00	50.00	0.00	0.00	0.00
		ALUMINUM (FUME OR DUST)	79.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAGLE-PICHER TECHS. L.L.C.					JOPLIN						
		NICKEL COMPOUNDS	5.00		0.00	0.00	1.00	0.00	12,000.00	0.00	0.00
		NITRATE COMPOUNDS	5.00		0.00	0.00	0.00	18,000.00	0.00	0.00	0.00
EAGLE-PICHER TECHS. L.L.C. CHEMICAL					JOPLIN						
		LEAD COMPOUNDS	690.00		0.00	5.00	13.00	0.00	310,643.00	0.00	0.00
		PHTHALIC ANHYDRIDE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHLORINE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAGLE-PICHER TECHS. L.L.C. FEDERAL SYS.					JOPLIN						
		METHANOL	7,800.00		0.00	0.00	0.00	0.00	0.00	23,000.00	0.00
		MERCURY COMPOUNDS	1.00		0.00	0.00	0.00	350.00	0.00	0.00	0.00
		NICKEL COMPOUNDS	5.00		0.00	3.00	1.00	1,700.00	4,300.00	0.00	0.00
		NITRATE COMPOUNDS	5.00		0.00	0.00	0.00	7,500.00	0.00	0.00	0.00
FARMLAND JOPLIN PLANT					JOPLIN						
		ZINC COMPOUNDS	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		AMMONIA	1,500.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
INTERNATIONAL PAPER					JOPLIN						
		PENTACHLOROPHENOL	18.00		0.00	7.00	0.00	0.00	0.00	1.00	2.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		DIOXIN AND DIOXIN-LIKE		0.00	0.00	2.90	0.00	0.00	0.00	0.00	0.00
		POLYCYCLIC AROMATIC		0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		HEXACHLOROBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>JOPLIN MFG. INC.</i>				CARTHAGE						
		AMMONIA	7,160.00		0.00	20.00	0.00	0.00	0.00	0.00	2,600.00
		AMMONIA	39,300.00		0.00	3,600.00	0.00	0.00	0.00	0.00	270.00
		NITRATE COMPOUNDS	0.00		0.00	240,000.00	0.00	0.00	0.00	0.00	12,000.00
		ALUMINUM (FUME OR DUST)	10.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID	620.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ALUMINUM (FUME OR DUST)	10.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS	0.00		0.00	38,000.00	0.00	0.00	0.00	0.00	110,000.00
		NITRIC ACID	3,600.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>LEGGETT &amp; PLATT WIRE MILL BR. 0400</i>				CARTHAGE						
		ZINC COMPOUNDS	250.00		0.00	0.00	250.00	15,500.00	0.00	0.00	0.00
		LEAD	255.00		0.00	0.00	0.00	0.00	160,000.00	0.00	0.00
	<i>LOZIER CORP.</i>				JOPLIN						
		NICKEL	0.00		0.00	0.00	250.00	250.00	0.00	0.00	0.00
	<i>MISSOURI STEEL CASTINGS INC.</i>				JOPLIN						
		NICKEL	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ALUMINUM OXIDE (FIBROUS FORMS)	93.00		0.00	0.00	0.00	18,556.00	0.00	0.00	0.00
	<i>MODINE MFG. CO.</i>				JOPLIN						
		CHROMIUM	201.00		0.00	0.00	0.00	5.00	1,207.00	0.00	0.00
		NICKEL COMPOUNDS	364.00		0.00	0.00	1.00	17.00	1,635.00	0.00	0.00
		COPPER	43.00		0.00	0.00	3.00	165.00	29,564.00	0.00	0.00

				On- and Off-site Releases				Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	PRECISION MASTER MADE PAINTS				CARL JUNCTION						
		XYLENE (MIXED ISOMERS)		132.00	0.00	0.00	0.00	0.00	0.00	0.00	504.00
		ETHYLBENZENE		250.00	0.00	0.00	0.00	0.00	0.00	0.00	126.00
	SPECIALTY BRANDS INC.				CARTHAGE						
		AMMONIA		20,930.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SWIFT CONSTRUCTION CO.				JOPLIN						
		POLYCYCLIC AROMATIC		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TAMKO ROOFING PRODS. INC.				JOPLIN						
		POLYCYCLIC AROMATIC		24.00	0.00	0.00	0.00	116.00	0.00	0.00	0.00
		BENZO(G,H,I)PERYLENE		5.00	0.00	0.00	0.00	539.00	0.00	0.00	0.00
	TAMKO ROOFING PRODS. INC. RANGE LINE				JOPLIN						
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00
		FORMALDEHYDE		15,982.00	0.00	0.00	0.00	65.00	0.00	0.00	0.00
JEFFERSON											
	ALCOA COMPOSITION FOIL FACILITY				PEVELY						
		LEAD		0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
	CE NUCLEAR POWER L.L.C.				HEMATITE						
		AMMONIA		50,410.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROGEN FLUORIDE		19,010.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00
	CRYSTAL CITY NITROGEN				FESTUS						
		AMMONIA		31,400.00	0.00	370.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	180,040.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		SULFURIC ACID (1994 AND AFTER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>DOE RUN CO. HERCULANEUM SMELTER</i>				HERCULANEUM						
		ARSENIC COMPOUNDS		1,521.00	2,556.00	61.00	14.00	0.00	0.00	0.00	0.00
		ALUMINUM (FUME OR DUST)		211.00	2,556,293.00	0.00	0.00	0.00	0.00	0.00	0.00
		ANTIMONY COMPOUNDS		1,124.00	1,023.00	5.00	0.00	0.00	0.00	0.00	0.00
		NICKEL COMPOUNDS		1,058.00	30,676.00	5.00	1.00	0.00	0.00	0.00	0.00
		COPPER COMPOUNDS		5,181.00	328,611.00	35.00	42.00	19.00	0.00	0.00	0.00
		ZINC COMPOUNDS		27,721.00	11,741,052.00	116.00	141.00	180.00	0.00	0.00	0.00
		LEAD COMPOUNDS		279,600.00	1,987,518.00	262.00	750.00	510.00	0.00	0.00	0.00
		SULFURIC ACID (1994 AND AFTER		383.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00
		COBALT COMPOUNDS		322.00	153,378.00	5.00	0.00	0.00	0.00	0.00	0.00
		CADMIUM COMPOUNDS		4,790.00	6,391.00	31.00	49.00	0.00	0.00	0.00	0.00
	<i>DOW CHEMICAL CO. RIVERSIDE SITE</i>				PEVELY						
		CHLOROETHANE		390,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1-CHLORO-1,1-DIFLUOROETHANE		916,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CUMENE		2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		STYRENE		4,600.00	0.00	0.00	0.00	0.00	0.00	8,200.00	0.00
		ETHYLBENZENE		230.00	0.00	0.00	0.00	0.00	0.00	2,600.00	0.00
	<i>DPC ENTERPRISES</i>				FESTUS						
		CHLORINE		558.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>ENGINEERED COIL CO. (DBA MARLO COIL)</i>				HIGH RIDGE						
		CHROMIUM		1.00	5.00	0.00	0.00	20.00	34,739.00	0.00	0.00
		NICKEL		0.00	5.00	0.00	0.00	20.00	21,940.00	0.00	0.00
		COPPER		0.00	5.00	0.00	0.00	20.00	122,770.00	0.00	0.00
	<i>H-J ENTERPRISES INC.</i>				HIGH RIDGE						
		LEAD		105.00	0.00	0.00	0.00	6,175.00	0.00	0.00	0.00

				On- and Off-site Releases				Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	COPPER			1,597.00	0.00	0.00	0.00	53,193.00	0.00	0.00	0.00
MASTERCHEM INDS. INC.					IMPERIAL						
	3-iodo-2-propynyl			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ETHYLENE GLYCOL			153.00	0.00	0.00	0.00	37.00	0.00	0.00	642.00
METAL CONTAINER CORP. ARNOLD					ARNOLD						
	MANGANESE			0.00	0.00	0.00	250.00	1,029.00	0.00	0.00	0.00
	N-BUTYL ALCOHOL			61,491.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
	CERTAIN GLYCOL ETHERS			120,816.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
	HYDROGEN FLUORIDE			13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FORMALDEHYDE			2,777.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
METALTEK INTL. CARONDELET DIV.					PEVELY						
	MANGANESE			500.00	0.00	0.00	0.00	250.00	3,550.00	0.00	0.00
	CHROMIUM			2,750.00	0.00	0.00	0.00	2,900.00	93,200.00	0.00	0.00
	NICKEL			1,450.00	0.00	0.00	0.00	1,800.00	59,000.00	0.00	0.00
	DIISOCYANATES			10.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
	PHENOL			10.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
	COBALT			255.00	0.00	0.00	0.00	250.00	500.00	0.00	0.00
	COPPER			500.00	0.00	0.00	0.00	250.00	2,320.00	0.00	0.00
	1,2,4-TRIMETHYLBENZENE			8,088.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
PACE CONSTRUCTION CO. ANTONIA PLANT					IMPERIAL						
	BENZO(G,H,I)PERYLENE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	POLYCYCLIC AROMATIC			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RIVER CEMENT CO.					FESTUS						
	LEAD			32,910.00	21,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	CHROMIUM			5.00	1,382.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			744.00	391,732.00	0.00	0.00	0.00	0.00	0.00	0.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		HYDROCHLORIC ACID (1995 AND	152,819.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL	60.00		2,158.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIOXIN AND DIOXIN-LIKE	2.40		0.00	0.00	0.00	0.00	0.00	0.00	0.00
RUSH ISLAND POWER STATION					FESTUS						
		VANADIUM COMPOUNDS	40.00		84,000.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROGEN FLUORIDE	240,000.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROCHLORIC ACID (1995 AND	87,000.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COPPER COMPOUNDS	390.00		74,000.00	280.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS	310.00		23,000.00	2,500.00	0.00	0.00	0.00	0.00	0.00
		BARIUM COMPOUNDS	5,500.00		1,800,000.00	43,000.00	0.00	0.00	0.00	0.00	0.00
		SULFURIC ACID (1994 AND AFTER	27,000.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE COMPOUNDS	648.00		81,000.00	1,000.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS	1,100.00		39,000.00	2,900.00	0.00	0.00	0.00	0.00	0.00
		DIOXIN AND DIOXIN-LIKE	0.61		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MERCURY COMPOUNDS	414.20		145.00	0.70	0.00	0.00	0.00	0.00	0.00
		NICKEL COMPOUNDS	330.00		18,000.00	2,900.00	0.00	0.00	0.00	0.00	0.00
SAINT-GOBAIN CONTAINERS					PEVELY						
		COPPER COMPOUNDS	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
SCORE					PEVELY						
		DIISOCYANATES	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS	0.00		0.00	0.00	0.00	14,000.00	0.00	0.00	0.00
		TRIETHYLAMINE	8,580.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
WESTERN WIRE PRODS. CO.					FENTON						
		COPPER	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
JOHNSON											
	GETS GLOBAL SIGNALING				WARRENSBURG						
	COPPER			0.00	0.00	5.00	250.00	0.00	45,650.00	0.00	0.00
	SODIUM			0.00	0.00	0.00	0.00	0.00	17,000.00	0.00	0.00
	HAWKER ENERGY PRODS. INC.				WARRENSBURG						
	LEAD COMPOUNDS			22.00	0.00	0.00	0.00	146.00	2,851,569.00	0.00	0.00
	MASTER MARBLE INC.				HOLDEN						
	STYRENE			4,252.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	STAHL SPECIALTY CO.				WARRENSBURG						
	NICKEL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NICKEL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LACLEDE											
	COPELAND CORP.				LEBANON						
	MANGANESE COMPOUNDS			0.00	0.00	0.00	4,061.00	2,120.00	17,478.00	0.00	0.00
	DETROIT TOOL ENG.				LEBANON						
	PROPYLENE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER			5.00	0.00	0.00	5.00	5.00	4,358.00	0.00	0.00
	CHROMIUM			250.00	0.00	0.00	5.00	27.00	135.00	0.00	0.00
	NICKEL			250.00	0.00	0.00	5.00	31.00	1,310.00	0.00	0.00
	MANGANESE			250.00	0.00	0.00	5.00	94.00	5,438.00	0.00	0.00
	DETROIT TOOL METAL PRODS.				LEBANON						
	CHROMIUM			733.00	0.00	0.00	5.00	362.00	131,748.00	0.00	0.00
	NICKEL			1,002.00	0.00	0.00	5.00	496.00	0.00	0.00	0.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	MANGANESE			990.00	0.00	0.00	5.00	489.00	190,044.00	0.00	0.00
	COPPER			250.00	0.00	0.00	5.00	250.00	21,958.00	0.00	0.00
	PROPYLENE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LANDAU BOATS L.L.C.					LEBANON						
	XYLENE (MIXED ISOMERS)			5,317.00	0.00	0.00	0.00	0.00	0.00	747.00	0.00
MARATHON ELECTRIC					LEBANON						
	COPPER			5.00	0.00	0.00	0.00	750.00	109,907.00	0.00	0.00
OMC ALUMINUM BOAT GROUP					LEBANON						
	DIISOCYANATES			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOLUENE			53,862.00	0.00	0.00	0.00	0.00	0.00	6,921.00	0.00
	XYLENE (MIXED ISOMERS)			52,127.00	0.00	0.00	0.00	0.00	0.00	3,460.00	0.00
SKETTER PRODS. INC.					LEBANON						
	METHYL ETHYL KETONE			12,265.00	0.00	0.00	0.00	0.00	0.00	405.00	0.00
	DIISOCYANATES			28.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	XYLENE (MIXED ISOMERS)			10,404.00	0.00	0.00	0.00	0.00	0.00	333.00	0.00
TRACKER MARINE LEBANON					LEBANON						
	TOLUENE			17,163.00	0.00	0.00	0.00	0.00	0.00	2,086.00	0.00
LAFAYETTE											
CONTINENTAL DELI FOODS					CONCORDIA						
	AMMONIA			9,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KITCO INC.					ODESSA						
	STYRENE			18,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAWRENCE											
BLEVINS ASPHALT CONSTRUCTION CO. INC.					MOUNT VERNON						
	POLYCYCLIC AROMATIC			0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
CONOCO INC. - MT. VERNON PRODS.				MOUNT VERNON							
		1,2,4-TRIMETHYLBENZENE		6,387.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CUMENE		3,521.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL TERT-BUTYL ETHER		2,699.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE		1,334.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-HEXANE		1,223.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		PROPYLENE		100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		6,142.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		5,360.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BENZENE		1,721.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUCOA L.P.				VERONA							
		CHLOROACETIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHLOROMETHANE		330.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHANOL	179,933.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE OXIDE		2,836.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		2-METHOXYETHANOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SILGAN CONTAINERS MFG. CORP.				MOUNT VERNON							
		CERTAIN GLYCOL ETHERS	19,527.00		0.00	0.00	0.00	5,089.00	0.00	0.00	0.00
TYSON FOODS INC. AURORA FEED MILL				AURORA							
		MANGANESE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COPPER COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**LEWIS**

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
LAGRANGE	FNDY. INC.				LA GRANGE						
	ALUMINUM (FUME OR DUST)		1,383.00	27,382.00	5.00	5.00	22,279.00	5,102.00	0.00	0.00	
	ALUMINUM OXIDE (FIBROUS FORMS)		0.00	36,574.00	5.00	5.00	30,069.00	6,505.00	0.00	0.00	
	MANGANESE		5,118.00	62,154.00	750.00	5.00	51,100.00	11,054.00	0.00	0.00	
	COPPER		1,000.00	9,571.00	5.00	5.00	7,869.00	1,702.00	0.00	0.00	
	NICKEL		754.00	44,245.00	5.00	5.00	36,575.00	7,670.00	0.00	0.00	
LINCOLN											
BODINE	ALUMINUM INC.				TROY						
	COPPER		0.00	0.00	0.00	0.00	0.00	394,440.00	0.00	0.00	
	SULFURIC ACID (1994 AND AFTER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	PHENOL		33,934.00	15.00	0.00	0.00	250.00	0.00	0.00	0.00	
IEPPERT	MACHINE TOOL & SCREW PRODS.				MOSCOW MILLS						
	COPPER		0.00	0.00	0.00	0.00	0.00	750.00	0.00	0.00	
MOST	INC.				TROY						
	COPPER		0.00	0.00	0.00	0.00	0.00	374,790.00	0.00	0.00	
LIVINGSTON											
DONALDSON	CO. INC.				CHILLICOTHE						
	XYLENE (MIXED ISOMERS)		17,600.00	0.00	0.00	0.00	0.00	0.00	200.00	0.00	
GLEN-GERY	CORP.				UTICA						
	HYDROGEN FLUORIDE		57,060.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	BARIUM COMPOUNDS		5.00	0.00	5.00	0.00	250.00	0.00	0.00	0.00	
	MANGANESE COMPOUNDS		5.00	0.00	5.00	0.00	750.00	0.00	0.00	0.00	
HUDSON VALLEY	POLYMERS				CHILLICOTHE						
	ZINC COMPOUNDS		0.00	0.00	0.00	0.00	692.00	2,656.00	0.00	0.00	
WIRE ROPE CORP. OF AMERICA INC.											

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		ZINC COMPOUNDS		5.00	0.00	0.00	5.00	15,290.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROCHLORIC ACID (1995 AND		3,645.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>MACON</b>											
	<i>CONAGRA FROZEN FOODS</i>				MACON						
		AMMONIA		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>NORTHEAST MISSOURI GRAIN L.L.C.</i>				MACON						
		SULFURIC ACID (1994 AND AFTER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHANOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		AMMONIA		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>TOASTMASTER INC.</i>				MACON						
		TRICHLOROETHYLENE		25,293.00	0.00	0.00	0.00	0.00	691.00	0.00	0.00
<b>MARIES</b>											
	<i>KINGSFORD MFG. CO.</i>				BELLE						
		METHANOL		1,150.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	1,583.00	4,039.00	0.00	0.00	0.00	0.00	0.00
<b>MARION</b>											
	<i>ALPHARMA</i>				PALMYRA						
		AMMONIA		6,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>BASF CORP. HANNIBAL PLANT</i>				PALMYRA						
		HYDROCHLORIC ACID (1995 AND		4,350.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00
		SULFURIC ACID (1994 AND AFTER		41,250.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00
		AMMONIA		410.00	5.00	2,000.00	0.00	0.00	0.00	0.00	0.00
		CYANIDE COMPOUNDS		30.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00

				On- and Off-site Releases				Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		FORMALDEHYDE		255.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00
		METHANOL		10.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00
		METHYL ISOBUTYL KETONE		5,650.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00
		NAPHTHALENE		500.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID		4,250.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00
		O-XYLENE		27,100.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00
		PENDIMETHALIN		43.00	1.00	22.00	0.00	0.00	0.00	0.00	400.00
		1,2-DICHLOROETHANE		24,300.00	5.00	3.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		255.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		12,000.00	5.00	5.00	0.00	0.00	0.00	0.00	5.00
		COPPER COMPOUNDS		10.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		5.00	5.00	180,000.00	0.00	0.00	0.00	0.00	0.00
MC DONALD											
	SIMMONS FEED MILL				ANDERSON						
		COPPER COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SIMMONS FOODS INC.				SOUTH WEST CITY						
		NITRATE COMPOUNDS		0.00	0.00	2,868.00	0.00	3,804.00	0.00	0.00	0.00
		AMMONIA		10,461.00	0.00	114.00	0.00	24,989.00	0.00	0.00	0.00
		CHLORINE		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TYSON FOODS INC.				NOEL						
		AMMONIA		0.00	4,312.00	310.00	0.00	0.00	0.00	0.00	0.00
MERCER											
	PREMIUM STANDARD FARMS PRINCETON				PRINCETON						
		MANGANESE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	COPPER			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>MILLER</b>											
	<i>FASCO INDS. INC.</i>				ELDON						
	XYLENE (MIXED ISOMERS)		13,904.00		0.00	0.00	0.00	0.00	0.00	11,200.00	0.00
	NICKEL		35,353.00		0.00	0.00	0.00	0.00	4,153.00	0.00	0.00
	<i>SOLA OPTICAL USA INC.</i>				ELDON						
	DICHLOROMETHANE		0.00		0.00	0.00	0.00	0.00	0.00	0.00	6,388.00
<b>MISSISSIPPI</b>											
	<i>GATES RUBBER CO.</i>				CHARLESTON						
	ZINC COMPOUNDS		0.00		0.00	0.00	750.00	18,443.00	0.00	0.00	0.00
<b>MONITEAU</b>											
	<i>CARGILL INC. FEEDMILL</i>				CALIFORNIA						
	ZINC COMPOUNDS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>NORDYNE INC.</i>				TIPTON						
	COPPER		0.00		0.00	0.00	0.00	0.00	500.00	0.00	0.00
	CHLORODIFLUOROMETHANE		150.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>MONROE</b>											
	<i>DIVERSIFIED DIEMAKERS (DBA INTERMET)</i>				MONROE CITY						
	COPPER		500.00		0.00	0.00	5.00	500.00	32,850.00	0.00	0.00
	<i>L &amp; P ALUMINUM GROUP</i>				MONROE CITY						
	NICKEL		0.00		0.00	0.00	10.00	0.00	3,717.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	COPPER			0.00	0.00	2.00	1.00	0.00	27,076.00	0.00	0.00
<b>MONTGOMERY</b>											
	<i>CARGILL INC.</i>				MONTGOMERY CITY						
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>NATIONAL REFRACTORIES &amp; MINERALS CORP.</i>				WELLSVILLE						
	ETHYLENE GLYCOL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ALUMINUM (FUME OR DUST)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PACE CONSTRUCTION CO. DANVILLE ASPHALT</i>				MONTGOMERY CITY						
	BENZO(G,H,I)PERYLENE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	POLYCYCLIC AROMATIC			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PURINA MILLS INC.</i>				MONTGOMERY CITY						
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>UNIQUE AUTOMOTIVE REBUILDERS, INC.</i>				JONESBURG						
	TRICHLOROETHYLENE		13,140.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NICKEL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>MORGAN</b>											
	<i>GATES RUBBER CO.</i>				VERSAILLES						
	ZINC COMPOUNDS			0.00	331.00	0.00	44.00	0.00	15,284.00	0.00	0.00
	MANGANESE COMPOUNDS			0.00	0.00	0.00	1.00	0.00	463.00	0.00	0.00
<b>NEW MADRID</b>											
	<i>ALAN WIRE CO. INC.</i>				SIKESTON						
	COPPER			0.00	0.00	0.00	0.00	0.00	1,851,947.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>KOCH MATERIALS CO.</i>				NEW MADRID						
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>NEW MADRID POWER PLANT</i>				MARSTON						
		VANADIUM COMPOUNDS		870.00	47,000.00	0.00	0.00	5.00	0.00	0.00	0.00
		SULFURIC ACID (1994 AND AFTER		33,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		2,000.00	26,000.00	5.00	0.00	5.00	0.00	0.00	0.00
		HYDROGEN FLUORIDE		210,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS		520.00	10,000.00	5.00	0.00	250.00	0.00	0.00	0.00
		MERCURY COMPOUNDS		270.00	0.00	0.00	0.00	0.00	36.00	0.00	0.00
		MANGANESE COMPOUNDS		1,250.00	33,000.00	0.00	0.00	5.00	0.00	0.00	0.00
		COPPER COMPOUNDS		680.00	45,000.00	5.00	0.00	5.00	0.00	0.00	0.00
		HYDROCHLORIC ACID (1995 AND		53,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BARIUM COMPOUNDS		25,000.00	1,200,000.00	10,000.00	0.00	5.00	0.00	0.00	0.00
		AMMONIA		37,005.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIOXIN AND DIOXIN-LIKE		1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>NORANDA ALUMINUM INC.</i>				NEW MADRID						
		DIOXIN AND DIOXIN-LIKE		0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COPPER		0.00	0.00	0.00	0.00	160.00	0.00	0.00	0.00
		HYDROGEN FLUORIDE		381,351.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		POLYCYCLIC AROMATIC		3,953.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PLASTENE SUPPLY CO.</i>				PORTAGEVILLE						
		FORMALDEHYDE		1,000.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	41,500.00	0.00	0.00	0.00	0.00	120,000.00
		TOLUENE		130,250.00	0.00	0.00	0.00	0.00	0.00	4,500.00	0.00
		METHANOL		1,850.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
NEWTON		METHYL ISOBUTYL KETONE		7,850.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL COMPOUNDS		255.00	0.00	670.00	0.00	0.00	38,000.00	0.00	0.00
		METHYL ETHYL KETONE		61,250.00	0.00	0.00	0.00	0.00	0.00	11,000.00	0.00
		COPPER COMPOUNDS		255.00	0.00	540.00	0.00	0.00	40,000.00	0.00	0.00
		NITRIC ACID		500.00	0.00	0.00	0.00	0.00	0.00	0.00	180,000.00
		CHROMIUM COMPOUNDS		10.00	0.00	250.00	0.00	64,000.00	0.00	0.00	0.00
		SPECIALLOY METALS CO.			NEW MADRID						
		COPPER COMPOUNDS		5.00	0.00	0.00	0.00	18,000.00	0.00	0.00	0.00
		BERYLLIUM		0.00	0.00	0.00	0.00	0.00	11.00	0.00	0.00
		BASF CORP.			NEOSHO						
		COBALT COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	EAGLE-PICHER TECH. L.L.C. COMMERCIAL			SENECA							
		LEAD COMPOUNDS		325.00	0.00	5.00	0.00	0.00	710,000.00	0.00	0.00
	FAG BEARINGS CORP.			JOPLIN							
		METHANOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM		0.00	0.00	0.00	4.00	4,900.00	0.00	0.00	0.00
	HOWARD JOHNSON ENTERPRISES INC.			NEOSHO							
		TRIFLURALIN		1.20	0.00	0.00	0.00	1.00	0.00	0.00	130.00
	LA-Z-BOY MIDWEST			NEOSHO							
		CERTAIN GLYCOL ETHERS		13,238.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MILNOT CO.			SENECA							
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
NUTRA BLEND CORP.					NEOSHO						
	MANGANESE COMPOUNDS			250.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
	COPPER COMPOUNDS			250.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
	SELENIUM COMPOUNDS			250.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
	ZINC COMPOUNDS			250.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
TALBOT INDS. INC.					NEOSHO						
	SULFURIC ACID (1994 AND AFTER		26,500.00		0.00	0.00	0.00	0.00	330,700.00	0.00	0.00
	NICKEL COMPOUNDS		1,400.00		0.00	0.00	44.00	0.00	6,000.00	0.00	0.00
NODAWAY											
EVEREADY BATTERY CO. INC.					MARYVILLE						
	MANGANESE COMPOUNDS		348.00		0.00	0.00	30.00	226,931.00	0.00	0.00	0.00
	ZINC COMPOUNDS		0.00		0.00	0.00	25.00	47,442.00	0.00	0.00	0.00
	ZINC (FUME OR DUST)		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
KAWASAKI MOTORS MFG. CORP.					MARYVILLE						
	NICKEL		0.00		0.00	0.00	5.00	0.00	10,530.00	0.00	0.00
	N-HEXANE		21,044.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER		226.00		0.00	0.00	5.00	0.00	17,621.00	0.00	0.00
LACLEDE CHAIN MFG.					MARYVILLE						
	MANGANESE COMPOUNDS		0.00		0.00	0.00	4.00	10.00	0.00	0.00	0.00
	NICKEL COMPOUNDS		0.00		10,296.00	0.00	4.00	10,296.00	0.00	0.00	0.00
	CHROMIUM COMPOUNDS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
OSAGE											
CHAMOIS POWER PLANT					CHAMOIS						
	HYDROGEN FLUORIDE		20,000.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		DIOXIN AND DIOXIN-LIKE		0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BARIUM COMPOUNDS		2,000.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
		HYDROCHLORIC ACID (1995 AND	126,000.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MERCURY COMPOUNDS	12.00		0.00	0.00	0.00	0.00	7.00	0.00	0.00
		SULFURIC ACID (1994 AND AFTER	22,000.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>QUAKER WINDOW PRODS. CO.</i>				FREEBURG						
		XYLENE (MIXED ISOMERS)	12,500.00		0.00	0.00	0.00	0.00	4,300.00	0.00	0.00
		COPPER	250.00		0.00	0.00	0.00	0.00	700.00	0.00	0.00
		DIISOCYANATES	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		PROPYLENE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>PEMISCOT</b>											
	<i>LOXCREEN CO. INC.</i>				HAYTI						
		XYLENE (MIXED ISOMERS)	21,030.00		0.00	0.00	0.00	0.00	0.00	3,700.00	0.00
		NITRATE COMPOUNDS	0.00		0.00	5.00	0.00	846.00	0.00	0.00	0.00
		NITRIC ACID	940.00		0.00	0.00	0.00	0.00	6,067.00	0.00	0.00
	<i>TRINITY MARINE BARGE COVER FABRICATION</i>				CARUTHERSVILLE						
		STYRENE	364,903.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>TRINITY MARINE PRODS. INC.</i>				CARUTHERSVILLE						
		ZINC (FUME OR DUST)	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE COMPOUNDS	1,291.00		0.00	0.00	0.00	47,555.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)	13,343.00		0.00	0.00	0.00	0.00	0.00	8,997.00	0.00
<b>PERRY</b>											
	<i>H &amp; G MARINE SERVICE INC.</i>				PERRYVILLE						
		DIISOCYANATES	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>TG MISSOURI</i>				PERRYVILLE						
		XYLENE (MIXED ISOMERS)		21,323.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ETHYL KETONE		76,912.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ISOBUTYL KETONE		18,440.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		89,748.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>PETTIS</b>										
	<i>ADCO INC.</i>				SEDALIA						
		TRICHLOROETHYLENE		1,353.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		160.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		150.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TETRACHLOROETHYLENE		1,291.00	0.00	0.00	0.00	0.00	3,317.00	0.00	0.00
	<i>ALCAN CABLE</i>				SEDALIA						
		ACETOPHENONE		2,628.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>CARGILL INC.</i>				SMITHTON						
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COPPER COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>GARDNER DENVER INC.</i>				SEDALIA						
		COPPER		0.00	0.00	0.00	6.00	400.00	8,702.00	0.00	0.00
	<i>HAYES LEMMERZ INTL. INC.</i>				SEDALIA						
		METHYL ETHYL KETONE		15,500.00	0.00	0.00	0.00	0.00	250.00	0.00	0.00
		ZINC COMPOUNDS		500.00	0.00	0.00	250.00	0.00	750.00	0.00	0.00
		MANGANESE		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		16,500.00	0.00	0.00	0.00	0.00	3,600.00	0.00	0.00
	<i>HOLMES GROUP INC./RIVAL DIV. RIVAL MFG.</i>				SEDALIA						
		SULFURIC ACID (1994 AND AFTER		0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
MISSOURI PRESSED METALS INC.					SEDALIA						
		TRICHLOROETHYLENE		109,919.00	0.00	0.00	0.00	0.00	0.00	0.00	1,378.00
		COPPER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARKHURST MFG. CO.					SEDALIA						
		XYLENE (MIXED ISOMERS)		12,917.00	0.00	0.00	0.00	0.00	0.00	597.00	0.00
SIERRA BULLETS L.L.C.					SEDALIA						
		COPPER		0.00	0.00	5.00	12.00	250.00	357,145.00	0.00	0.00
		TETRACHLOROETHYLENE		13,729.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		LEAD		0.00	0.00	5.00	5.00	250.00	259,239.00	0.00	0.00
		ANTIMONY		0.00	0.00	5.00	0.00	5.00	7,638.00	0.00	0.00
STARLINE INC.					SEDALIA						
		COPPER		0.00	0.00	0.00	5.00	250.00	0.00	0.00	0.00
TYSON FOODS INC. FEED MILL					SEDALIA						
		COPPER COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TYSON FOODS INC. SEDALIA COMPLEX					SEDALIA						
		AMMONIA		750.00	66,894.00	527.00	0.00	15,996.00	0.00	0.00	0.00
WATERLOO INDS. INC.					SEDALIA						
		N-BUTYL ALCOHOL		10,555.00	0.00	0.00	0.00	0.00	0.00	606.00	0.00
		XYLENE (MIXED ISOMERS)		11,497.00	0.00	0.00	0.00	0.00	0.00	1,295.00	0.00
		TOLUENE		7,823.00	0.00	0.00	0.00	0.00	0.00	15,352.00	0.00
PHELPS											
BREWER SCIENCE INC.					ROLLA						
		N-METHYL-2-PYRROLIDONE		0.00	0.00	0.00	0.00	0.00	0.00	15,204.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
PIKE	BRIGGS & STRATTON CORP. ROLLA FACILITY				ROLLA						
	TOLUENE		1,534.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	COPPER		5.00	0.00	0.00	0.00	250.00	102,432.00	0.00	0.00	
PIKE	DYNO NOBEL INC. LOMO PLANT				LOUISIANA						
	NITRIC ACID		6,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	AMMONIA		146,700.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	
PIKE	NITRATE COMPOUNDS		0.00	0.00	540,000.00	0.00	0.00	0.00	0.00	0.00	
	HOLNAM INC. CLARKSVILLE PLANT				CLARKSVILLE						
	CHLOROBENZENE		10.00	0.00	0.00	0.00	0.00	0.00	750.00	0.00	
PIKE	TERT-BUTYL ALCOHOL		10.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	
	NICKEL COMPOUNDS		5.00	1,335.00	0.00	0.00	0.00	20.00	0.00	0.00	
	HYDROCHLORIC ACID (1995 AND		244,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PIKE	ETHYLENE GLYCOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	MANGANESE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	TRICHLOROETHYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PIKE	1,1,1-TRICHLOROETHANE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	ZINC COMPOUNDS		1,030.00	426,000.00	0.00	0.00	0.00	510.00	0.00	0.00	
	DIOXIN AND DIOXIN-LIKE		0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PIKE	MERCURY COMPOUNDS		33.00	78.00	0.00	0.00	0.00	1.00	0.00	0.00	
	METHANOL		500.00	0.00	0.00	0.00	0.00	0.00	6,400.00	0.00	
	1,1,2-TRICHLOROETHANE		500.00	0.00	0.00	0.00	0.00	0.00	1,200.00	0.00	
PIKE	VINYL ACETATE		10.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	
	XYLENE (MIXED ISOMERS)		500.00	0.00	0.00	0.00	0.00	0.00	26,000.00	0.00	
	TOLUENE		500.00	0.00	0.00	0.00	0.00	0.00	31,900.00	0.00	
PIKE	STYRENE		500.00	0.00	0.00	0.00	0.00	0.00	1,700.00	0.00	

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		PHENOL		10.00	0.00	0.00	0.00	0.00	0.00	150.00	0.00
		TETRACHLOROETHYLENE		500.00	0.00	0.00	0.00	0.00	5,200.00	0.00	0.00
		METHYL TERT-BUTYL ETHER		10.00	0.00	0.00	0.00	0.00	0.00	300.00	0.00
		METHYL METHACRYLATE		500.00	0.00	0.00	0.00	0.00	0.00	1,200.00	0.00
		1,4-DIOXANE		10.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00
		METHYL ETHYL KETONE		500.00	0.00	0.00	0.00	0.00	0.00	15,600.00	0.00
		CYCLOHEXANOL		10.00	0.00	0.00	0.00	0.00	0.00	30.00	0.00
		N-HEXANE		10.00	0.00	0.00	0.00	0.00	0.00	200.00	0.00
		CERTAIN GLYCOL ETHERS		10.00	0.00	0.00	0.00	0.00	0.00	30.00	0.00
		1,2-DICHLOROETHANE		10.00	0.00	0.00	0.00	0.00	0.00	420.00	0.00
		N,N-DIMETHYLFORMAMIDE		500.00	0.00	0.00	0.00	0.00	0.00	1,380.00	0.00
		ETHYLBENZENE		500.00	0.00	0.00	0.00	0.00	0.00	6,000.00	0.00
		DICHLOROMETHANE		500.00	0.00	0.00	0.00	0.00	5,700.00	0.00	0.00
		CYCLOHEXANE		500.00	0.00	0.00	0.00	0.00	0.00	14,100.00	0.00
		BARIUM COMPOUNDS		250.00	31,100.00	0.00	0.00	0.00	210.00	0.00	0.00
		CHROMIUM COMPOUNDS		250.00	8,240.00	0.00	0.00	0.00	1,250.00	0.00	0.00
		LEAD COMPOUNDS		250.00	59,200.00	0.00	0.00	0.00	90.00	0.00	0.00
		METHYL ISOBUTYL KETONE		500.00	0.00	0.00	0.00	0.00	0.00	3,700.00	0.00
		ACETONITRILE		10.00	0.00	0.00	0.00	0.00	0.00	180.00	0.00
		ACETOPHENONE		10.00	0.00	0.00	0.00	0.00	0.00	60.00	0.00
		BIPHENYL		10.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00
	<i>LOUISIANA MFG. CO.</i>				LOUISIANA						
		COPPER		95.00	0.00	0.00	0.00	0.00	1,186.00	0.00	0.00
	<i>MISSOURI CHEMICAL WORKS</i>				LOUISIANA						
		SILVER		11.00	0.00	0.00	0.00	0.00	10,700.00	0.00	0.00
		CHLORINE		240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		FORMALDEHYDE		22,000.00	0.00	0.00	0.00	0.00	0.00	33,000.00	1,680.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
PLATTE	METHANOL		131,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	ACETALDEHYDE		500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	FORMIC ACID		5,510.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	DIOXIN AND DIOXIN-LIKE		0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	HARLEY DAVIDSON MOTOR CO.										
			KANSAS CITY								
	METHYL ETHYL KETONE		3,751.00	0.00	0.00	0.00	0.00	73,484.00	0.00	0.00	
	ETHYLBENZENE		1,015.00	0.00	0.00	0.00	0.00	15,308.00	0.00	0.00	
	XYLENE (MIXED ISOMERS)		4,326.00	0.00	0.00	0.00	0.00	62,768.00	0.00	0.00	
	METHYL ISOBUTYL KETONE		5,354.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
IATAN GENERATING STATION											
		WESTON									
MERCURY COMPOUNDS		160.00	26.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BARIUM COMPOUNDS		7,000.00	380,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HYDROGEN FLUORIDE		110,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HYDROCHLORIC ACID (1995 AND		25,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
DIOXIN AND DIOXIN-LIKE		0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VANADIUM COMPOUNDS		400.00	18,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ZINC COMPOUNDS		810.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MANGANESE COMPOUNDS		370.00	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
COPPER COMPOUNDS		280.00	14,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KC INC. OGDEN AVIATION SERVICE CO.											
		KANSAS CITY									
BENZENE		39.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ETHYLBENZENE		15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
XYLENE (MIXED ISOMERS)		39.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NAPHTHALENE		14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	692.00	
1,2,4-TRIMETHYLBENZENE		12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		TOLUENE		129.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL TERT-BUTYL ETHER		61.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MICHELIN AIRCRAFT TIRE CORP.</i>				KANSAS CITY						
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	140.00	1,423.00	0.00	0.00
		ZINC COMPOUNDS		171.00	0.00	0.00	0.00	500.00	15,085.00	0.00	0.00
	<i>WOODBIDGE CORP. KANSAS CITY FOAM</i>				RIVERSIDE						
		DIETHANOLAMINE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIISOCYANATES		755.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
		TOLUENE DIISOCYANATE (MIXED		1,000.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
<b>POLK</b>											
	<i>H &amp; H FARM PRODS. MFG. INC.</i>				BOLIVAR						
		TOLUENE		23,890.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>TRACKER MARINE</i>				BOLIVAR						
		TOLUENE		19,671.00	0.00	0.00	0.00	0.00	394.00	18,359.00	0.00
<b>PUTNAM</b>											
	<i>PREMIUM STANDARD FARMS</i>				LUCERNE						
		COPPER		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>RALLS</b>											
	<i>BUCKHORN RUBBER PRODS. INC.</i>				HANNIBAL						
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	6,855.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		4.00	0.00	0.00	0.00	0.00	0.00	0.00	8,773.00
	<i>CONTINENTAL CEMENT CO. L.L.C.</i>				HANNIBAL						

				On- and Off-site Releases				Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	DICHLOROMETHANE			255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N,N-DIMETHYLFORMAMIDE			255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TRICHLOROETHYLENE			255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2-ETHOXYETHANOL			10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1,4-DIOXANE			255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ETHYLBENZENE			255.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
	ACETONITRILE			255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N-HEXANE			255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CYCLOHEXANE			255.00	0.00	0.00	0.00	0.00	750.00	0.00	0.00
	ETHYLENE GLYCOL			10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	METHYL ETHYL KETONE			1,000.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
	MERCURY COMPOUNDS			48.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOLUENE			2,310.00	0.00	0.00	0.00	0.00	0.00	5,250.00	0.00
	CHLOROFORM			255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CUMENE			10.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00
	BENZENE			10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACETOPHENONE			255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	METHYL METHACRYLATE			255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N-METHYL-2-PYRROLIDONE			255.00	0.00	0.00	0.00	0.00	0.00	3,580.00	0.00
	N-BUTYL ALCOHOL			255.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
	PHENOL			255.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00
	METHANOL			628.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
	1,2-DICHLOROBENZENE			10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CHLOROBENZENE			10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	LEAD COMPOUNDS			500.00	40,000.00	0.00	0.00	281.00	0.00	0.00	0.00
	TETRACHLOROETHYLENE			255.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
	METHYL ISOBUTYL KETONE			255.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		1,2,4-TRIMETHYLBENZENE		255.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
		PYRIDINE		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		M-CRESOL		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		STYRENE		255.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
		CHROMIUM COMPOUNDS		5.00	2,200.00	0.00	0.00	545.00	0.00	0.00	0.00
		M-XYLENE		1,450.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
		DI(2-ETHYLHEXYL) PHTHALATE		10.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00
		NICKEL COMPOUNDS		5.00	1,325.00	0.00	0.00	990.00	0.00	0.00	0.00
		DIMETHYL PHTHALATE		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		SEC-BUTYL ALCOHOL		255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BARIUM COMPOUNDS		250.00	4,800.00	0.00	0.00	439.00	0.00	0.00	0.00
		METHYL TERT-BUTYL ETHER		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		PHTHALIC ANHYDRIDE		255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		O-XYLENE		255.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
		NAPHTHALENE		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TRIETHYLAMINE		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,1,1-TRICHLOROETHANE		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		PHENANTHRENE		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,1,2-TRICHLOROETHANE		255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>COSMOFLEX INC.</i>				HANNIBAL						
		DI(2-ETHYLHEXYL) PHTHALATE		1,242.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>ENDURO INDS. INC.</i>				HANNIBAL						
		CHROMIUM		237.00	0.00	0.00	0.00	30,049.00	0.00	0.00	0.00
	<i>LAFARGE ROAD MARKING</i>				HANNIBAL						
		METHANOL		12,890.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		LEAD		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MANCHESTER TANK &amp; EQUIPMENT CO.</i>				HANNIBAL						

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	XYLENE (MIXED ISOMERS)			6,743.00	0.00	0.00	0.00	0.00	0.00	0.00	6,800.00
	<i>WATLOW INDS.</i>				HANNIBAL						
	NICKEL COMPOUNDS			10.00	0.00	0.00	250.00	5.00	14,500.00	0.00	0.00
	COPPER COMPOUNDS			10.00	0.00	0.00	0.00	5.00	5.00	0.00	0.00
	CHROMIUM COMPOUNDS			10.00	0.00	0.00	250.00	250.00	22,000.00	0.00	0.00
<b>RANDOLPH</b>											
	<i>CUSTOM COMPOSITES CO. INC.</i>				CLIFTON HILL						
	STYRENE			7,424.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00
	<i>MOBERLY BRAKE OPS.</i>				MOBERLY						
	METHANOL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>THOMAS HILL ENERGY CENTER POWER DIV.</i>				CLIFTON HILL						
	BARIUM COMPOUNDS			36,000.00	1,200,000.00	1,000.00	0.00	0.00	0.00	0.00	0.00
	SULFURIC ACID (1994 AND AFTER			60,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROCHLORIC ACID (1995 AND			57,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			755.00	42,500.00	255.00	0.00	5.00	0.00	0.00	0.00
	MERCURY COMPOUNDS			291.00	96.00	0.30	0.00	1.00	1.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VANADIUM COMPOUNDS			1,000.00	42,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	CHLORINE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROGEN FLUORIDE			230,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS			1,450.00	32,000.00	500.00	0.00	5.00	0.00	0.00	0.00
	ZINC COMPOUNDS			2,000.00	25,000.00	500.00	0.00	5.00	0.00	0.00	0.00
	CHROMIUM COMPOUNDS			750.00	10,500.00	255.00	0.00	5.00	0.00	0.00	0.00
	<i>WILSON TRAILER SALES INC.</i>				MOBERLY						
	COPPER			0.00	0.00	0.00	0.00	8.00	2,600.00	0.00	0.00
	COBALT			0.00	0.00	0.00	0.00	5.00	1,500.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
RAY	MANGANESE			0.00	0.00	0.00	0.00	8.00	2,600.00	0.00	0.00
	<i>PACIFIC EPOXY POLYMERS INC.</i>		RICHMOND								
	DIGLYCIDYL RESORCINOL ETHER			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4,4'-ISOPROPYLLIDENEDIPHENOL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PHENOL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACRYLIC ACID			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CERTAIN GLYCOL ETHERS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	XYLENE (MIXED ISOMERS)			10.00	0.00	0.00	0.00	0.00	0.00	99,363.00	0.00
	TOLUENE			255.00	0.00	0.00	0.00	0.00	0.00	225,710.00	0.00
	O-CRESOL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4,4'-METHYLENEDIANILINE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N-BUTYL ALCOHOL			250.00	0.00	0.00	0.00	0.00	0.00	31,597.00	0.00
	EPOCHLOROXYDRIN			255.00	0.00	0.00	0.00	0.00	250.00	192.00	0.00
	<i>U.S. GRANULES CORP. ALMEG DIV.</i>		HENRIETTA								
REYNOLDS	ALUMINUM (FUME OR DUST)			500.00	0.00	0.00	0.00	119,435.00	0.00	0.00	0.00
	<i>BRUSHY CREEK MINE/MILL</i>		BUNKER								
	LEAD COMPOUNDS	24,290.00		4,882,354.00	750.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS	8,481.00		11,653,333.00	1,154.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS	250.00		1,058,322.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>FLETCHER MINE/MILL</i>		BUNKER								
	ZINC COMPOUNDS	3,075.00		2,108,973.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00
	LEAD COMPOUNDS	25,981.00		4,922,039.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS	255.00		704,093.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>SWEETWATER MINE/MILL</i>		ELLINGTON								

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	LEAD COMPOUNDS			11,231.00	2,170,248.00	250.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			1,837.00	1,535,774.00	250.00	0.00	0.00	0.00	0.00	0.00
	<i>WESTFORK MINE/MILL</i>				BUNKER						
	ZINC COMPOUNDS			255.00	773,290.00	250.00	0.00	0.00	0.00	0.00	0.00
	LEAD COMPOUNDS			755.00	880,420.00	250.00	0.00	0.00	0.00	0.00	0.00
<b>RIPLEY</b>											
	<i>VITRONIC</i>				DONIPHAN						
	NITRIC ACID			250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>SAINT LOUIS CITY</b>											
	<i>ABB POWER T&amp;D CO. INC.</i>				SAINT LOUIS						
	COPPER			0.00	0.00	0.00	0.00	0.00	247,000.00	0.00	0.00
	<i>ABC DIARY INC. (DBA PEVELY DAIRY CO.)</i>				SAINT LOUIS						
	NITRIC ACID			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AMMONIA			2,652.00	0.00	0.00	0.00	5,305.00	0.00	0.00	0.00
	<i>ACOUSTISEAL INC.</i>				SAINT LOUIS						
	ANTIMONY COMPOUNDS			500.00	750.00	0.00	250.00	750.00	0.00	0.00	0.00
	DECABROMODIPHENYL OXIDE			255.00	750.00	0.00	0.00	750.00	0.00	0.00	0.00
	LEAD COMPOUNDS			0.00	750.00	0.00	0.00	750.00	0.00	0.00	0.00
	ZINC COMPOUNDS			1,000.00	4,500.00	0.00	250.00	4,500.00	0.00	0.00	0.00
	<i>ADM MILLING CO.</i>				SAINT LOUIS						
	CHLORINE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>ALLIED HEALTHCARE PRODS.</i>				SAINT LOUIS						
	TRICHLOROETHYLENE			16,960.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00
	COPPER			0.00	0.00	0.00	0.00	0.00	60,000.00	0.00	0.00
	<i>ALUMAX FOILS INC.</i>				SAINT LOUIS						

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	LEAD			10.00	0.00	0.00	0.00	5.00	7,399.00	0.00	0.00
	METHANOL			20,812.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
	HYDROCHLORIC ACID (1995 AND			9,198.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CHLORINE			1,202.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AMERON MERAMEC POWER STATION					SAINT LOUIS						
	NICKEL COMPOUNDS			300.00	19,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	ARSENIC COMPOUNDS			400.00	18,000.00	900.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			260.00	26,000.00	290.00	0.00	0.00	0.00	0.00	0.00
	CHROMIUM COMPOUNDS			710.00	36,000.00	710.00	0.00	0.00	0.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MERCURY COMPOUNDS			160.80	68.00	0.00	0.00	0.00	0.00	0.00	0.00
	LEAD COMPOUNDS			560.00	29,000.00	54.00	0.00	0.00	0.00	0.00	0.00
	VANADIUM COMPOUNDS			30.00	38,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			1,100.00	41,000.00	940.00	0.00	0.00	0.00	0.00	0.00
	SULFURIC ACID (1994 AND AFTER			76,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS			448.00	25,000.00	500.00	0.00	0.00	0.00	0.00	0.00
	HYDROGEN FLUORIDE			130,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROCHLORIC ACID (1995 AND			3,500,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BARIUM COMPOUNDS			6,100.00	570,000.00	9,500.00	0.00	0.00	0.00	0.00	0.00
ANHEUSER-BUSCH INC.					SAINT LOUIS						
	AMMONIA			152.00	0.00	0.00	0.00	0.00	35.00	0.00	0.00
	HYDROGEN FLUORIDE			32,510.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	POLYCYCLIC AROMATIC			0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROCHLORIC ACID (1995 AND			268,559.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MERCURY			0.33	20.00	0.00	0.00	0.00	0.00	0.00	0.00
	SULFURIC ACID (1994 AND AFTER			149,991.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
ASHLAND DISTRIBUTION CO.					SAINT LOUIS						
		METHANOL		1,890.00	0.00	0.00	0.00	0.00	0.00	9,700.00	0.00
		ETHYLENE GLYCOL		742.00	0.00	0.00	0.00	0.00	0.00	10,000.00	0.00
		CERTAIN GLYCOL ETHERS		400.00	0.00	0.00	0.00	0.00	0.00	3,800.00	0.00
		METHYL ETHYL KETONE		530.00	0.00	0.00	0.00	0.00	0.00	260.00	0.00
		N-HEXANE		3,380.00	0.00	0.00	0.00	0.00	0.00	4,500.00	0.00
		TOLUENE		1,380.00	0.00	0.00	0.00	0.00	0.00	6,300.00	0.00
		XYLENE (MIXED ISOMERS)		1,070.00	0.00	0.00	0.00	0.00	0.00	12,000.00	0.00
		N-BUTYL ALCOHOL		390.00	0.00	0.00	0.00	0.00	0.00	2,600.00	0.00
		CYCLOHEXANOL		2.00	0.00	0.00	0.00	0.00	0.00	1,400.00	0.00
		DIBUTYL PHTHALATE		2.00	0.00	0.00	0.00	0.00	0.00	1,400.00	0.00
		METHYL ISOBUTYL KETONE		420.00	0.00	0.00	0.00	0.00	0.00	260.00	0.00
		1,2,4-TRIMETHYLBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TETRACHLOROETHYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTARIS L.L.C. CARONDELET PLANT					SAINT LOUIS						
		PHOSPHORUS (YELLOW OR WHITE)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVENTIS CROPSCIENCE					SAINT LOUIS						
		THIRAM		5.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00
		PIRIMIPHOS METHYL		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CARBARYL		5.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
		THIODICARB		250.00	0.00	0.00	0.00	0.00	0.00	0.00	2,700.00
BALDOR ELECTRIC CO.					SAINT LOUIS						
		COPPER		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARRY-WEHMILLER CO.					SAINT LOUIS						
		NICKEL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>BECTON DICKINSON &amp; CO. ACCU-GLASS</i>				SAINT LOUIS						
	LEAD			5.00	0.00	0.00	0.00	0.00	51,615.00	0.00	0.00
	<i>BENJAMIN MOORE &amp; CO.</i>				SAINT LOUIS						
	CERTAIN GLYCOL ETHERS			255.00	0.00	0.00	0.00	0.00	0.00	11,220.00	0.00
	N-BUTYL ALCOHOL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>BENTONITE PERFORMANCE MINERALS</i>				SAINT LOUIS						
	ALUMINUM (FUME OR DUST)			5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>BODINE ALUMINUM INC.</i>				SAINT LOUIS						
	COPPER			0.00	0.00	0.00	0.00	250.00	7,725.00	0.00	0.00
	<i>BORDEN PASTA MARCEAU FACILITY</i>				SAINT LOUIS						
	BROMOMETHANE			17,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>CENTERLINE IND. INC.</i>				SAINT LOUIS						
	METHYL ETHYL KETONE			39,900.00	0.00	0.00	0.00	0.00	0.00	1,171.00	0.00
	<i>CHEMSICO</i>				SAINT LOUIS						
	AMMONIA			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	D-TRANS-ALLETHRIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIAZINON			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PHENOTHRIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NITRATE COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CERTAIN GLYCOL ETHERS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	XYLENE (MIXED ISOMERS)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRAMETHRIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SODIUM NITRITE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RESMETHRIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPERONYL BUTOXIDE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CHLORPYRIFOS METHYL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		PERMETHRIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MYCLOBUTANIL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MALATHION		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		FLUAZIFOP BUTYL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>CLEAN CITY SQUARES INC.</i>				SAINT LOUIS						
		TOLUENE	8,056.00		0.00	0.00	0.00	0.00	0.00	10,712.00	0.00
	<i>COMMERCIAL PLATING CO.</i>				SAINT LOUIS						
		CYANIDE COMPOUNDS	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		LEAD	0.00		0.00	0.00	11.00	0.00	24.00	0.00	0.00
		COPPER	0.00		0.00	0.00	250.00	0.00	250.00	0.00	0.00
	<i>CONNECTOR CASTINGS INC.</i>				SAINT LOUIS						
		COPPER COMPOUNDS	19,235.00		0.00	0.00	250.00	1,643.00	284,078.00	0.00	0.00
	<i>CONTINENTAL FABRICATORS INC.</i>				SAINT LOUIS						
		MANGANESE	46.00		0.00	0.00	0.00	0.00	4,587.00	0.00	0.00
		NICKEL	1.00		0.00	0.00	0.00	0.00	515.00	0.00	0.00
		CHROMIUM	1.00		0.00	0.00	0.00	0.00	1,674.00	0.00	0.00
	<i>CUTLER-HAMMER</i>				SAINT LOUIS						
		COPPER	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>DAZOR MFG. CORP.</i>				SAINT LOUIS						
		TETRACHLOROETHYLENE	9,685.00		0.00	0.00	0.00	0.00	0.00	0.00	2,739.00
	<i>DECORATIVE SURFACES INTL.</i>				SAINT LOUIS						
		CERTAIN GLYCOL ETHERS	41,097.00		0.00	0.00	0.00	0.00	0.00	165,263.00	0.00
		TOLUENE	8,318.00		0.00	0.00	0.00	0.00	0.00	23,428.00	0.00
		DICHLOROMETHANE	24,515.00		0.00	0.00	0.00	0.00	0.00	7,264.00	0.00
	<i>DIAL CORP.</i>				SAINT LOUIS						

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		FORMALDEHYDE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE OXIDE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		FORMIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>ELEMENTIS SPECIALTIES INC.</i>				SAINT LOUIS						
		CERTAIN GLYCOL ETHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		988.00	0.00	5.00	0.00	0.00	0.00	4,791.00	0.00
		N-BUTYL ALCOHOL		746.00	0.00	5.00	0.00	0.00	0.00	4,757.00	0.00
		CYCLOHEXANOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIISOCYANATES		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		1,737.00	0.00	5.00	0.00	0.00	0.00	56,433.00	0.00
	<i>EQUILON ST. LOUIS TERMINAL</i>				SAINT LOUIS						
		1,2,4-TRIMETHYLBENZENE		255.00	0.00	0.00	0.00	0.00	14.00	0.00	250.00
		BENZENE		500.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00
		TOLUENE		500.00	0.00	0.00	0.00	0.00	34.00	0.00	250.00
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		500.00	0.00	0.00	0.00	0.00	42.00	0.00	250.00
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE		500.00	0.00	0.00	0.00	0.00	7.00	0.00	18.00
		N-HEXANE		500.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00
	<i>FEDERAL-MOGUL</i>				SAINT LOUIS						
		MANGANESE		1,520.00	0.00	0.00	0.00	49,997.00	0.00	0.00	0.00
	<i>GE LIGHTING ST. LOUIS LAMP PLANT</i>				SAINT LOUIS						
		COPPER		5.00	0.00	0.00	5.00	6,800.00	2,600.00	0.00	0.00
		LEAD COMPOUNDS		255.00	0.00	0.00	5.00	81,000.00	29,000.00	0.00	0.00
	<i>HARCROS CHEMICALS INC.</i>				SAINT LOUIS						

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>HCI CHEMTECH INDS. INC.</i>		SAINT LOUIS								
		CERTAIN GLYCOL ETHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ISOBUTYL KETONE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDRAZINE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TRICHLOROETHYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-HEXANE		719.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
		TOLUENE		421.00	0.00	0.00	0.00	0.00	0.00	750.00	0.00
		XYLENE (MIXED ISOMERS)		111.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00
		DICHLOROMETHANE		1,255.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
		METHANOL		9,509.00	0.00	0.00	0.00	0.00	0.00	6,189.00	0.00
		1,2,4-TRIMETHYLBENZENE		36.00	0.00	0.00	0.00	0.00	0.00	1,278.00	0.00
		METHYL ETHYL KETONE		728.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00
		N-BUTYL ALCOHOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>HENKEL SURFACE TECHS.</i>		SAINT LOUIS								
		NICKEL COMPOUNDS		5.00	0.00	0.00	5.00	2,438.00	0.00	0.00	0.00
		ZINC COMPOUNDS		5.00	0.00	0.00	5.00	12,317.00	0.00	0.00	0.00
		HYDROGEN FLUORIDE		5.00	0.00	0.00	0.00	0.00	250.00	0.00	0.00
		MANGANESE COMPOUNDS		5.00	0.00	0.00	5.00	2,688.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		5.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00
		NITRIC ACID		5.00	0.00	0.00	0.00	0.00	250.00	0.00	0.00
	<i>HERMANN OAK LEATHER CO.</i>		SAINT LOUIS								
		MANGANESE COMPOUNDS		0.00	0.00	0.00	19,440.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>HUNTSMAN PETROCHEMICAL CORP.</i>				SAINT LOUIS						
	MALEIC ANHYDRIDE		12,400.00		0.00	0.00	0.00	0.00	0.00	0.00	2,953.00
	<i>INDEECO</i>				SAINT LOUIS						
	NICKEL		5.00		0.00	0.00	5.00	0.00	9,860.00	0.00	0.00
	COPPER		5.00		0.00	0.00	5.00	0.00	3,628.00	0.00	0.00
	CHROMIUM		5.00		0.00	0.00	5.00	0.00	9,865.00	0.00	0.00
	LEAD		5.00		0.00	0.00	5.00	0.00	1,145.00	0.00	0.00
	<i>INTERCON CHEMICAL CO.</i>				SAINT LOUIS						
	CERTAIN GLYCOL ETHERS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>IPC INC. FIN-CLAIR CORP.</i>				SAINT LOUIS						
	NICKEL		24.00		0.00	0.00	718.00	0.00	7,351.00	0.00	0.00
	<i>J. D. STREET &amp; CO.</i>				SAINT LOUIS						
	ETHYLENE GLYCOL		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>J. R. SIMPLOT CO.</i>				SAINT LOUIS						
	ZINC COMPOUNDS		255.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TRIFLURALIN		2.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>J.D. STRETT &amp; CO.</i>				SAINT LOUIS						
	ZINC COMPOUNDS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>JAMES VARLEY &amp; SONS PECK'S PRODS.</i>				SAINT LOUIS						
	ETHYLENE GLYCOL		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CERTAIN GLYCOL ETHERS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>JOST CHEMICAL CO. INC.</i>				SAINT LOUIS						
	NITRATE COMPOUNDS		5.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>KOP-COAT INC.</i>				SAINT LOUIS						
		3-iodo-2-propynyl	2,600.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL	940.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>KV PHARMACEUTICAL CO.</i>				SAINT LOUIS						
		DICHLOROMETHANE	7,200.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>LANGE-STEGMANN CO.</i>				SAINT LOUIS						
		NITRATE COMPOUNDS	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>LINDBERG HEAT TREATING CO.</i>				SAINT LOUIS						
		AMMONIA	2,010.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MALLINCKRODT INC.</i>				SAINT LOUIS						
		XYLENE (MIXED ISOMERS)	464.00		0.00	0.00	0.00	0.00	0.00	144.00	20,409.00
		HYDRAZINE	12.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHLOROFORM	53,248.00		0.00	0.00	0.00	0.00	10,761.00	0.00	257,764.00
		PERACETIC ACID	5.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-METHYL-2-PYRROLIDONE	169.00		0.00	0.00	0.00	0.00	0.00	0.00	86,822.00
		ZINC COMPOUNDS	61.00		0.00	0.00	2.00	1,590.00	0.00	0.00	0.00
		ETHYLENE GLYCOL	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BROMINE	152.00		0.00	0.00	0.00	0.00	0.00	0.00	8,356.00
		N-BUTYL ALCOHOL	32.00		0.00	0.00	0.00	0.00	4,277.00	9,398.00	1,867.00
		MERCURY	10.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MERCURY COMPOUNDS	10.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE	24.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL TERT-BUTYL ETHER	989.00		0.00	0.00	0.00	0.00	0.00	0.00	38,365.00
		ETHYL CHLOROFORMATE	10.00		0.00	0.00	0.00	0.00	42.00	0.00	160.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	CHLORINE			11,520.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOLUENE			59,648.00	0.00	0.00	0.00	0.00	1,859,801.00	65,234.00	57,698.00
	N,N-DIMETHYLFORMAMIDE			200.00	0.00	0.00	0.00	0.00	873.00	0.00	53,703.00
	AMMONIA			3,866.00	0.00	0.00	0.00	0.00	0.00	0.00	5,909.00
	ACETONITRILE			2,313.00	0.00	0.00	0.00	0.00	0.00	177,152.00	98,814.00
	ZINC (FUME OR DUST)			95.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00
	1,1,2-TRICHLOROETHANE			15,536.00	0.00	0.00	0.00	0.00	0.00	0.00	249,608.00
	N,N-DIMETHYLANILINE			7.00	0.00	0.00	0.00	0.00	0.00	44,413.00	0.00
	FORMIC ACID			40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROCHLORIC ACID (1995 AND			47,843.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS			0.00	0.00	0.00	357.00	0.00	0.00	0.00	0.00
	METHANOL			21,625.00	0.00	0.00	0.00	0.00	137,447.00	120,258.00	53,383.00
	METHYL ISOBUTYL KETONE			2,089.00	0.00	0.00	0.00	0.00	142,552.00	553.00	10,408.00
	NITRIC ACID			90.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DICHLOROMETHANE			4,542.00	0.00	0.00	0.00	0.00	145,074.00	6,374.00	76,980.00
MARQUETTE TOOL & DIE CO.					SAINT LOUIS						
	TRICHLOROETHYLENE			75,240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MID-WEST INDL. CHEMICAL CO.					SAINT LOUIS						
	METHYL ETHYL KETONE			1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOLUENE			6,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N-HEXANE			7,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIDCO INDS. INC.					SAINT LOUIS						
	ANTIMONY COMPOUNDS			10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	LEAD COMPOUNDS			500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIDLAND RESOURCES INC.					SAINT LOUIS						

				On- and Off-site Releases				Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	CHLORINE			60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MOZEL INC.					SAINT LOUIS						
	ISOPROPYL ALCOHOL			1,034.00	0.00	0.00	0.00	0.00	0.00	345.00	0.00
	ETHYLBENZENE			851.00	0.00	0.00	0.00	0.00	0.00	280.00	0.00
	METHYL ISOBUTYL KETONE			664.00	0.00	0.00	0.00	0.00	0.00	217.00	0.00
	N-BUTYL ALCOHOL			375.00	0.00	0.00	0.00	0.00	0.00	128.00	0.00
	TOLUENE			6,627.00	0.00	0.00	0.00	0.00	0.00	2,208.00	0.00
	METHYL ETHYL KETONE			3,217.00	0.00	0.00	0.00	0.00	0.00	1,072.00	0.00
	XYLENE (MIXED ISOMERS)			6,802.00	0.00	0.00	0.00	0.00	0.00	34,751.00	0.00
	DIISOCYANATES			1,202.00	0.00	0.00	0.00	0.00	0.00	600.00	0.00
	1,2,4-TRIMETHYLBENZENE			1,128.00	0.00	0.00	0.00	0.00	0.00	377.00	0.00
NOOTER FABRICATORS INC.					SAINT LOUIS						
	COPPER			5.00	0.00	0.00	0.00	0.00	9,600.00	0.00	0.00
	MANGANESE			250.00	0.00	0.00	0.00	0.00	43,000.00	0.00	0.00
	CHROMIUM			5.00	0.00	0.00	0.00	0.00	38,000.00	0.00	0.00
	NICKEL			250.00	0.00	0.00	0.00	0.00	35,000.00	0.00	0.00
NORDYNE INC.					SAINT LOUIS						
	COPPER			0.00	0.00	0.00	0.00	0.00	74,641.00	0.00	0.00
	CHLORODIFLUOROMETHANE			6,412.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORTH AMERICAN GALVANIZING CO. SAINT					SAINT LOUIS						
	LEAD			10.00	0.00	0.00	0.00	39.00	0.00	0.00	0.00
	ZINC COMPOUNDS			694.00	0.00	0.00	0.00	7,810.00	0.00	0.00	0.00
OGDEN AVIATION FUELING CO. OF ST LOUIS					SAINT LOUIS						
	CYCLOHEXANE			62.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ETHYLBENZENE			45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N-HEXANE			62.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases				Off-site Transfers			
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
P.D. GEORGE CO.		BENZENE		293.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NAPHTHALENE		39.00	0.00	0.00	0.00	0.00	0.00	3,847.00	0.00
		1,2,4-TRIMETHYLBENZENE		37.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		364.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		140.00	0.00	0.00	0.00	0.00	0.00	1,520.00	0.00
		METHYL TERT-BUTYL ETHER		229.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					SAINT LOUIS						
		MALEIC ANHYDRIDE		255.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
		PHENOL		7,700.00	0.00	0.00	0.00	0.00	0.00	21,700.00	52,250.00
		2,4-DIMETHYLPHENOL		500.00	0.00	0.00	0.00	0.00	0.00	4,250.00	10,300.00
		ETHYLBENZENE		3,950.00	0.00	0.00	0.00	0.00	0.00	16,100.00	42,250.00
		TOLUENE DIISOCYANATE (MIXED		250.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00
		4,4'-METHYLENEDIANILINE		250.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00
		DIISOCYANATES		5.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00
		CERTAIN GLYCOL ETHERS		1,000.00	0.00	0.00	0.00	0.00	0.00	3,550.00	1,850.00
		XYLENE (MIXED ISOMERS)		16,900.00	0.00	0.00	0.00	0.00	0.00	72,200.00	189,150.00
		CRESOL (MIXED ISOMERS)		1,000.00	0.00	0.00	0.00	0.00	0.00	45,700.00	73,005.00
		BIPHENYL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TRIETHYLAMINE		2,050.00	0.00	0.00	0.00	0.00	0.00	1,250.00	750.00
		PHTHALIC ANHYDRIDE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		2,450.00	0.00	0.00	0.00	0.00	0.00	3,050.00	1,005.00
		METHANOL		3,000.00	0.00	0.00	0.00	0.00	0.00	500.00	55,500.00
		N-BUTYL ALCOHOL		1,000.00	0.00	0.00	0.00	0.00	0.00	11,100.00	15,000.00
		DICYCLOPENTADIENE		2,005.00	0.00	0.00	0.00	0.00	0.00	1,000.00	25,005.00
		METHYL ETHYL KETONE		6,250.00	0.00	0.00	0.00	0.00	0.00	34,300.00	2,100.00
		NAPHTHALENE		255.00	0.00	0.00	0.00	0.00	0.00	500.00	1,550.00
		1,2,4-TRIMETHYLBENZENE		5,100.00	0.00	0.00	0.00	0.00	0.00	9,200.00	14,105.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		CUMENE		1,000.00	0.00	0.00	0.00	0.00	0.00	255.00	500.00
		STYRENE		7,250.00	0.00	0.00	0.00	0.00	0.00	40,200.00	13,300.00
		N-METHYL-2-PYRROLIDONE		2,600.00	0.00	0.00	0.00	0.00	0.00	16,000.00	17,000.00
		ETHYLENE GLYCOL		755.00	0.00	0.00	0.00	0.00	0.00	5,550.00	19,255.00
		4,4'-ISOPROPYLIDENEDIPHENOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PACE CONSTRUCTION CO. JEFFERSON				SAINT LOUIS						
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PAULO PRODS. CO.				SAINT LOUIS						
		AMMONIA		760.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PERKINELMER FLUID SCIENCES ST. LOUIS				SAINT LOUIS						
		NICKEL		0.00	0.00	0.00	5.00	0.00	21,732.00	0.00	0.00
		CHROMIUM		0.00	0.00	0.00	1.00	0.00	9,068.00	0.00	0.00
	POLY ONE CORP. FORMULATOR'S GROUP				SAINT LOUIS						
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	79.00	0.00	0.00	0.00
		LEAD COMPOUNDS		0.00	0.00	0.00	0.00	174.00	0.00	0.00	0.00
		DIISOCYANATES		10.00	0.00	0.00	0.00	1,995.00	0.00	15,531.00	0.00
		BARIUM COMPOUNDS		0.00	0.00	0.00	0.00	111.00	0.00	0.00	0.00
		ANTIMONY COMPOUNDS		0.00	0.00	0.00	0.00	200.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		316.00	0.00	0.00	0.00	0.00	0.00	9,161.00	104.00
		MERCURY COMPOUNDS		0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS		0.00	0.00	0.00	0.00	97.00	0.00	0.00	0.00
	PQ CORP. ST. LOUIS				SAINT LOUIS						
		MERCURY		83.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>PRAXAIR DISTRIBUTION INC.</i>				SAINT LOUIS						
	PROPYLENE			3,978.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PRECOAT METALS</i>				SAINT LOUIS						
	1,2,4-TRIMETHYLBENZENE			12,463.00	0.00	0.00	0.00	0.00	0.00	11,163.00	1,731.00
	METHYL ETHYL KETONE			8,845.00	0.00	0.00	0.00	0.00	0.00	8,336.00	1,196.00
	XYLENE (MIXED ISOMERS)			25,107.00	0.00	0.00	0.00	0.00	0.00	26,301.00	3,214.00
	N-BUTYL ALCOHOL			3,216.00	0.00	0.00	0.00	0.00	0.00	2,835.00	440.00
	ETHYLBENZENE			1,199.00	0.00	0.00	0.00	0.00	0.00	1,056.00	164.00
	METHYL ISOBUTYL KETONE			5,902.00	0.00	0.00	0.00	0.00	0.00	5,202.00	807.00
	NAPHTHALENE			1,380.00	0.00	0.00	0.00	0.00	0.00	1,217.00	189.00
	TOLUENE			10,766.00	0.00	0.00	0.00	0.00	0.00	9,490.00	1,472.00
	CERTAIN GLYCOL ETHERS			9,929.00	0.00	0.00	0.00	0.00	0.00	8,753.00	1,357.00
	<i>PRO-TECT MFG. INC.</i>				SAINT LOUIS						
	METHYL ISOBUTYL KETONE			9,171.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOLUENE			30,789.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	METHYL ETHYL KETONE			36,850.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PROCTER &amp; GAMBLE MFG. CO.</i>				SAINT LOUIS						
	AMMONIA			1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NITRIC ACID			500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CUMENE			115.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>RASKAS DAIRY INC.</i>				SAINT LOUIS						
	NITRIC ACID			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>RHODIA INC.</i>				SAINT LOUIS						
	METHANOL			886.00	0.00	0.00	0.00	0.00	0.00	0.00	164,534.00
	<i>ROCKWOOD PIGMENTS N.A. INC.</i>				SAINT LOUIS						
	AMMONIA			2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		ZINC COMPOUNDS		0.00	0.00	0.00	1,600.00	30,000.00	0.00	0.00	0.00
	<i>SCHAEFFER MFG.</i>				SAINT LOUIS						
		VINYL ACETATE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ANTIMONY COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		7,881.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-BUTYL ALCOHOL		1,666.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NAPHTHALENE		445.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		8,849.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CUMENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>SIEGEL-ROBERT PLATING CO.</i>				SAINT LOUIS						
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ETHYL KETONE		42,250.00	0.00	0.00	0.00	0.00	0.00	6,500.00	0.00
		COPPER COMPOUNDS		10.00	0.00	5.00	250.00	5,400.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS		10.00	0.00	5.00	250.00	2,500.00	0.00	0.00	0.00
		NITRIC ACID		500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL COMPOUNDS		10.00	0.00	5.00	250.00	4,500.00	0.00	0.00	0.00
	<i>SIGMA CHEMICAL CO.</i>				SAINT LOUIS						
		CHLOROFORM		4,850.00	0.00	0.00	0.00	0.00	0.00	31,050.00	750.00
		ETHYLENE GLYCOL		10.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
		METHANOL		3,450.00	0.00	0.00	0.00	0.00	7,000.00	51,500.00	250.00
		DICHLOROMETHANE		1,000.00	0.00	0.00	0.00	0.00	0.00	19,150.00	750.00
		TOLUENE		1,000.00	0.00	0.00	0.00	0.00	0.00	3,050.00	8,500.00
		AMMONIA		500.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
		ETHYLENE GLYCOL		5.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
		AMMONIA		500.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		METHANOL		43,100.00	0.00	0.00	0.00	0.00	1,063,000.00	311,200.00	0.00
	<i>SINCLAIR &amp; RUSH INC.</i>				SAINT LOUIS						
		DI(2-ETHYLHEXYL) PHTHALATE		246.00	1,232.00	0.00	0.00	1,232.00	0.00	0.00	0.00
	<i>SMURFIT-STONE CONTAINER CORP.</i>				SAINT LOUIS						
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>SOLUTIA INC. JOHN F. QUEENY PLANT</i>				SAINT LOUIS						
		MALEIC ANHYDRIDE		1,152.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHANOL		6,860.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		AMMONIA		6,795.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>ST. LOUIS METALLIZING CO.</i>				SAINT LOUIS						
		TETRACHLOROETHYLENE		14,400.00	0.00	0.00	0.00	0.00	5,280.00	0.00	0.00
		NICKEL		1,123.00	0.00	0.00	0.00	2,887.00	0.00	0.00	0.00
		MANGANESE		250.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00
		CHROMIUM		250.00	0.00	0.00	0.00	1,035.00	0.00	0.00	0.00
		TRICHLOROETHYLENE		8,580.00	0.00	0.00	0.00	0.00	2,640.00	0.00	0.00
	<i>ST. LOUIS PAINT MFG. CO. INC.</i>				SAINT LOUIS						
		ETHYLENE GLYCOL		1,545.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		377.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHANOL		331.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		924.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		788.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>STERIS ST. LOUIS OPS.</i>				SAINT LOUIS						
		2-PHENYLPHENOL		10.00	0.00	0.00	0.00	302.00	0.00	0.00	0.00
	<i>STERLING LACQUER MFG. CO.</i>				SAINT LOUIS						
		CERTAIN GLYCOL ETHERS		7,446.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		367.00	0.00	0.00	0.00	0.00	1,030.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		TOLUENE		1,309.00	0.00	0.00	0.00	0.00	23,795.00	0.00	0.00
		METHYL ETHYL KETONE		1,349.00	0.00	0.00	0.00	0.00	59,964.00	0.00	0.00
	<i>SUPERIOR SOLVENTS &amp; CHEMICALS</i>				SAINT LOUIS						
		DICHLOROMETHANE		2,779.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		2-METHOXYETHANOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHANOL		5,224.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ETHYL KETONE		3,475.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		2,237.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-BUTYL ALCOHOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TETRACHLOROETHYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ISOBUTYL KETONE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TRICHLOROETHYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NAPHTHALENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-HEXANE		6,261.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>SWING-A-WAY MFG. CO.</i>				SAINT LOUIS						
		NICKEL		0.00	0.00	0.00	250.00	0.00	1,227.00	0.00	0.00
	<i>TRANSCHEMICAL INC.</i>				SAINT LOUIS						
		CERTAIN GLYCOL ETHERS		694.00	0.00	0.00	0.00	0.00	0.00	10,944.00	0.00
		ETHYLBENZENE		203.00	0.00	0.00	0.00	0.00	0.00	1,594.00	0.00
		XYLENE (MIXED ISOMERS)		749.00	0.00	0.00	0.00	0.00	0.00	12,204.00	0.00
		TRICHLOROETHYLENE		183.00	0.00	0.00	0.00	0.00	0.00	302.00	0.00
		TOLUENE		4,597.00	0.00	0.00	0.00	0.00	0.00	41,281.00	0.00

				On- and Off-site Releases				Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		TETRACHLOROETHYLENE		181.00	0.00	0.00	0.00	0.00	0.00	523.00	0.00
		N-METHYL-2-PYRROLIDONE		185.00	0.00	0.00	0.00	0.00	0.00	564.00	0.00
		N-BUTYL ALCOHOL		169.00	0.00	0.00	0.00	0.00	0.00	2,796.00	0.00
		1,2,4-TRIMETHYLBENZENE		448.00	0.00	0.00	0.00	0.00	0.00	4,779.00	0.00
		METHYL ISOBUTYL KETONE		183.00	0.00	0.00	0.00	0.00	0.00	3,608.00	0.00
		METHYL ETHYL KETONE		629.00	0.00	0.00	0.00	0.00	0.00	6,293.00	0.00
		ETHYLENE GLYCOL		152.00	0.00	0.00	0.00	0.00	0.00	4,315.00	0.00
		DICHLOROMETHANE		202.00	0.00	0.00	0.00	0.00	0.00	357.00	0.00
		SEC-BUTYL ALCOHOL		169.00	0.00	0.00	0.00	0.00	0.00	967.00	0.00
		METHANOL		3,779.00	0.00	0.00	0.00	0.00	0.00	32,255.00	0.00
U.S. PAINT CORP.											
			SAINT LOUIS								
		TOLUENE		3,300.00	0.00	0.00	0.00	250.00	0.00	21,619.00	0.00
		CHROMIUM COMPOUNDS		250.00	0.00	0.00	0.00	250.00	1,000.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		3,873.00	0.00	0.00	0.00	2,996.00	0.00	25,246.00	0.00
		COPPER COMPOUNDS		750.00	0.00	0.00	0.00	250.00	6,029.00	0.00	0.00
		METHYL ISOBUTYL KETONE		755.00	0.00	0.00	0.00	250.00	0.00	1,500.00	0.00
		METHYL ETHYL KETONE		47,213.00	0.00	0.00	0.00	250.00	0.00	79,706.00	0.00
		CERTAIN GLYCOL ETHERS		5,742.00	0.00	0.00	0.00	250.00	0.00	19,936.00	0.00
		ZINC COMPOUNDS		750.00	0.00	0.00	0.00	250.00	3,770.00	0.00	0.00
		N-BUTYL ALCOHOL		3,393.00	0.00	0.00	0.00	750.00	0.00	18,614.00	0.00
U.S. POLYMERS INC.											
			SAINT LOUIS								
		PHTHALIC ANHYDRIDE		470.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		716.00	0.00	0.00	0.00	0.00	0.00	3,260.00	0.00
		ETHYLBENZENE		192.00	0.00	0.00	0.00	0.00	0.00	314.00	0.00
		1,2,4-TRIMETHYLBENZENE		333.00	0.00	0.00	0.00	0.00	0.00	544.00	0.00
		CERTAIN GLYCOL ETHERS		1,341.00	0.00	0.00	0.00	0.00	0.00	2,195.00	0.00
		DIISOCYANATES		104.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>U.S. RINGBINDER L.P.</i>				SAINT LOUIS						
	TRICHLOROETHYLENE			7,986.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>VALVOLINE CO.</i>				SAINT LOUIS						
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>WALSH &amp; ASSOCIATES INC.</i>				SAINT LOUIS						
	CHROMIUM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	LEAD			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>WARNER-JENKINSON CO. INC.</i>				SAINT LOUIS						
	PHTHALIC ANHYDRIDE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS			0.00	0.00	0.00	11,683.00	85,631.00	0.00	0.00	0.00
	SODIUM NITRITE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N-BUTYL ALCOHOL			2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>WHITE-RODGERS CO.</i>				SAINT LOUIS						
	COPPER			0.00	0.00	5.00	5.00	250.00	232,311.00	0.00	0.00
	TRICHLOROETHYLENE			26,247.00	0.00	0.00	0.00	0.00	0.00	0.00	1,219.00
	<i>WHITMIRE MICRO-GEN RESEARCH LAB. INC.</i>				SAINT LOUIS						
	PIPERONYL BUTOXIDE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>WILLERT HOME PRODS.</i>				SAINT LOUIS						
	1,4-DICHLOROBENZENE			1,084.00	0.00	0.00	0.00	0.00	0.00	0.00	4,561.00
<b>SALINE</b>											
	<i>CONAGRA FROZEN FOODS INC.</i>				MARSHALL						
	AMMONIA			33,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>EXCEL CORP.</i>				MARSHALL						
	NITRATE COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZO(G,H,I)PERYLENE			14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	AMMONIA			18,863.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	POLYCYCLIC AROMATIC			1,327.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>KENT FEEDS INC.</i>				MARSHALL						
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MARSHALL MUNICIPAL UTILITIES POWER</i>				MARSHALL						
	SULFURIC ACID (1994 AND AFTER			40,297.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>SCOTT</b>											
	<i>ESSEX GROUP INC.</i>				SIKESTON						
	COPPER			0.00	0.00	17.00	21.00	0.00	4,982,106.00	0.00	0.00
	ANTIMONY COMPOUNDS			0.00	0.00	0.00	0.00	2,049.00	3,229.00	0.00	0.00
	LEAD COMPOUNDS			0.00	0.00	0.00	0.00	5,416.00	8,391.00	0.00	0.00
	<i>IMCO RECYCLING OF ILLINOIS</i>				MINER						
	ZINC (FUME OR DUST)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			0.05	0.00	0.00	0.00	5.00	0.00	0.00	0.00
	COPPER			15.00	0.00	0.00	0.00	730.00	8,800.00	0.00	0.00
	ALUMINUM (FUME OR DUST)			780.00	0.00	0.00	0.00	38,000.00	0.00	0.00	0.00
	<i>PATRIOT HOMES INC. HERITAGE AMERICAN</i>				SIKESTON						
	DIISOCYANATES			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>SIKESTON POWER STATION</i>				SIKESTON						
	HYDROGEN FLUORIDE			55,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MERCURY			181.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			93.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS			370.00	35,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROCHLORIC ACID (1995 AND			61,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BARIUM COMPOUNDS			7,100.00	660,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	<i>TETRA PAK MATERIALS L.P.</i>				SIKESTON						
	CERTAIN GLYCOL ETHERS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N-METHYL-2-PYRROLIDONE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>SHANNON</b>											
	<i>CRAIG IND. LEASED TO ROYAL OAK ENTS.</i>				SUMMERSVILLE						
	METHANOL		2,870,640.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>SHELBY</b>											
	<i>CERRO COPPER TUBE CO.</i>				SHELBINA						
	COPPER			0.00	0.00	14.00	2.00	0.00	0.00	0.00	0.00
<b>ST CHARLES</b>											
	<i>BRAKING TECHS. INC.</i>				O FALLON						
	METHYL ETHYL KETONE		3,036.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>COLOR POLYONE CORP.</i>				SAINT PETERS						
	CADMIUM COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CHROMIUM COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	LEAD COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SELENIUM COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>DIDION &amp; SONS FNDY.</i>				SAINT PETERS						
	COPPER			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS			0.00	1,086.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>FIBRE BODY INDS. INC.</i>				O FALLON						
	STYRENE		131,624.00		0.00	0.00	0.00	0.00	0.00	16,207.00	0.00
	<i>GMC WENTZVILLE ASSEMBLY</i>				WENTZVILLE						

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	80,000.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE	42,069.00		0.00	0.00	0.00	0.00	21,000.00	3,600.00	0.00
		METHYL ISOBUTYL KETONE	43,014.00		0.00	0.00	0.00	0.00	22,000.00	7,200.00	0.00
		ZINC COMPOUNDS		0.00	0.00	0.00	620.00	10,000.00	0.00	0.00	0.00
		LEAD		13.00	0.00	0.00	280.00	2,500.00	0.00	0.00	0.00
		MANGANESE COMPOUNDS		840.00	0.00	0.00	520.00	8,000.00	0.00	0.00	0.00
		SODIUM NITRITE		0.00	0.00	0.00	9,300.00	0.00	0.00	0.00	0.00
		TOLUENE	23,000.00		0.00	0.00	0.00	0.00	11,000.00	410.00	0.00
		N-METHYL-2-PYRROLIDONE	4,900.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ETHYL KETONE	14,900.00		0.00	0.00	0.00	0.00	11,000.00	410.00	0.00
		METHANOL	24,310.00		0.00	0.00	0.00	0.00	15,000.00	3,200.00	0.00
		HYDROCHLORIC ACID (1995 AND	69,000.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL		250.00	0.00	0.00	0.00	0.00	0.00	35.00	0.00
		ETHYLBENZENE	110,012.00		0.00	0.00	0.00	0.00	95,000.00	6,000.00	0.00
		CERTAIN GLYCOL ETHERS	174,100.00		0.00	0.00	0.00	13,000.00	28,000.00	21,000.00	0.00
		N-BUTYL ALCOHOL	65,002.00		0.00	0.00	0.00	0.00	11,000.00	1,900.00	0.00
		BENZENE		185.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)	470,230.00		0.00	0.00	0.00	0.00	400,000.00	26,000.00	0.00
HITCHINER MFG. CO. INC.				O FALLON							
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROGEN FLUORIDE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		AMMONIA	30,864.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEONARD'S METAL INC.				SAINT CHARLES							
		LEAD		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ANTIMONY		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MCDONNELL DOUGLAS CORP.				SAINT CHARLES							

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	COPPER			13.00	0.00	0.00	0.00	17.00	8,340.00	0.00	0.00
	TRICHLOROETHYLENE			8,300.00	0.00	0.00	0.00	0.00	0.00	2,900.00	0.00
	<i>MEMC ELECTRONIC MATERIALS INC. ST.</i>				O FALLON						
	HYDROCHLORIC ACID (1995 AND			850.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00
	NITRIC ACID			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NITRATE COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OZONE			190.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HYDROGEN FLUORIDE			2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AMMONIA			7,800.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00
	<i>PACE CONSTRUCTION CO. ST CHARLES PLANT</i>				SAINT CHARLES						
	POLYCYCLIC AROMATIC			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZO(G,H,I)PERYLENE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PPG INDS. O'FALLON</i>				O FALLON						
	CERTAIN GLYCOL ETHERS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SODIUM NITRITE			18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			141.00	0.00	0.00	0.00	156.00	0.00	0.00	0.00
	NITRATE COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS			68.00	0.00	0.00	0.00	4.00	0.00	0.00	0.00
	NICKEL COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NITRIC ACID			94.00	0.00	0.00	0.00	0.00	0.00	0.00	6,824.00
	<i>RECKITT BENCKISER</i>				SAINT PETERS						
	DIETHANOLAMINE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>ROTADYNE ROLL GROUP</i>				O FALLON						
	DI(2-ETHYLHEXYL) PHTHALATE			557.00	0.00	0.00	0.00	10,245.00	0.00	0.00	0.00
	<i>SAFETY-KLEEN SYS. (516003)</i>				SAINT CHARLES						
	ETHYLENE GLYCOL			5.00	0.00	0.00	0.00	0.00	156,925.00	0.00	0.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	POLYCYCLIC AROMATIC			11.00	0.00	0.00	0.00	0.00	2,531.00	0.00	0.00
	SIOUX POWER STATION				WEST ALTON						
	MERCURY COMPOUNDS			201.10	65.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIOXIN AND DIOXIN-LIKE			0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MANGANESE COMPOUNDS			724.00	18,000.00	340.00	0.00	0.00	0.00	0.00	0.00
	BARIUM COMPOUNDS			16,000.00	640,000.00	6,800.00	0.00	0.00	0.00	0.00	0.00
	HYDROCHLORIC ACID (1995 AND		2,800,000.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VANADIUM COMPOUNDS			20.00	140,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANTIMONY COMPOUNDS			120.00	15,000.00	190.00	0.00	0.00	0.00	0.00	0.00
	LEAD COMPOUNDS			880.00	22,060.00	95.00	0.00	18.00	0.00	0.00	0.00
	CHROMIUM COMPOUNDS			520.00	12,000.00	260.00	0.00	0.00	0.00	0.00	0.00
	COPPER COMPOUNDS			440.00	24,000.00	200.00	0.00	0.00	0.00	0.00	0.00
	HYDROGEN FLUORIDE		140,000.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NICKEL COMPOUNDS			830.00	40,000.00	400.00	0.00	0.00	0.00	0.00	0.00
	SULFURIC ACID (1994 AND AFTER		550,000.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			4,800.00	590,000.00	940.00	0.00	0.00	0.00	0.00	0.00
	SUPERIOR HOME PRODS. INC.				WENTZVILLE						
	STYRENE		31,300.00		0.00	0.00	0.00	0.00	500.00	0.00	0.00
	TRANSFORMER MATERIALS CO.				O FALLON						
	TOLUENE		1,808.00		0.00	0.00	0.00	0.00	0.00	501.00	0.00
	METHANOL		519.00		0.00	0.00	0.00	0.00	0.00	29.00	0.00
	METHYL ETHYL KETONE		1,496.00		0.00	0.00	0.00	0.00	0.00	532.00	0.00
	TRUE MFG. CO. INC.				O'FALLON						
	CHLORODIFLUOROMETHANE		29,005.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	METHYL ETHYL KETONE		38,087.00		0.00	0.00	0.00	0.00	0.00	12,371.00	0.00
	CERTAIN GLYCOL ETHERS		9,504.00		0.00	0.00	0.00	0.00	0.00	2,908.00	0.00
	TOLUENE		42,022.00		0.00	0.00	0.00	0.00	0.00	24,720.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	AIR	On- and Off-site Releases				Off-site Transfers		
					LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		DIISOCYANATES		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,1-DICHLORO-1-FLUOROETHANE		39,461.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>UNIVERSAL GALVANIZING INC.</i>				SAINT PETERS						
		ZINC COMPOUNDS		750.00	0.00	0.00	0.00	0.00	397,592.00	0.00	0.00
		HYDROCHLORIC ACID (1995 AND		250.00	0.00	0.00	0.00	143,995.00	0.00	0.00	0.00
		LEAD		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>WILSON MARBLE INC.</i>				O FALLON						
		STYRENE		3,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>WOODBIDGE CORP.</i>				SAINT PETERS						
		DIETHANOLAMINE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE DIISOCYANATE (MIXED		255.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>ZOLTEK CORP.</i>				SAINT CHARLES						
		CYANIDE COMPOUNDS		940.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
		AMMONIA		4,923.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>ST FRANCOIS</b>											
	<i>LITTLE TIKES COMMERCIAL PLAY SYS. INC.</i>				FARMINGTON						
		CERTAIN GLYCOL ETHERS		21,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>ST LOUIS</b>											
	<i>ADVANCED PERFORMANCE MATERIALS</i>				EARTH CITY						
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	23,299.00
		COPPER COMPOUNDS		0.00	0.00	0.00	0.00	2,801.00	3,016.00	0.00	0.00
		FORMALDEHYDE		2.00	0.00	0.00	0.00	0.00	0.00	0.00	14,820.00
		NICKEL COMPOUNDS		0.00	0.00	0.00	0.00	1,546.00	3,016.00	0.00	0.00
	<i>ALCO CONTROLS</i>				MARYLAND HEIGHTS						

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	COPPER			0.00	0.00	0.00	14.00	0.00	750.00	0.00	0.00
	AMMONIA			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>BELTSERVICE CORP.</b>				EARTH CITY						
	4,4'-METHYLENEBIS(2-CHLOROANILI			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOLUENE			25,821.00	0.00	0.00	0.00	0.00	0.00	332.00	0.00
	TRICHLOROETHYLENE			25,821.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>BUCKEYE INTL. INC.</b>				MARYLAND HEIGHTS						
	DIBUTYL PHTHALATE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CERTAIN GLYCOL ETHERS			2,750.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SODIUM NITRITE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ZINC COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>CHAS. S. LEWIS &amp; CO. INC.</b>				SAINT LOUIS						
	NICKEL			0.00	0.00	0.00	0.00	0.00	32,226.00	0.00	0.00
	CHROMIUM			0.00	0.00	0.00	0.00	0.00	37,358.00	0.00	0.00
	<b>CHEMCENTRAL/ST. LOUIS</b>				MARYLAND HEIGHTS						
	N-BUTYL ALCOHOL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DI(2-ETHYLHEXYL) PHTHALATE			255.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00
	METHYL ISOBUTYL KETONE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ETHYLENE GLYCOL			255.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00
	METHYL ETHYL KETONE			1,000.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00
	ETHYLBENZENE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NAPHTHALENE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOLUENE			500.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00
	DIBUTYL PHTHALATE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CERTAIN GLYCOL ETHERS			500.00	0.00	0.00	0.00	0.00	0.00	1,000.00	0.00
	METHANOL			500.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00
	XYLENE (MIXED ISOMERS)			500.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		1,2,4-TRIMETHYLBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	COOPER BUSSMANN INC.		ELLISVILLE								
		BERYLLIUM COMPOUNDS		0.00	0.00	0.00	0.00	0.00	864.00	0.00	0.00
		COPPER		0.00	0.00	0.00	89.00	11,952.00	1,368,085.00	0.00	0.00
	CRANE MERCHANDISING SYS.		BRIDGETON								
		CHROMIUM		0.00	0.00	0.00	1.00	0.00	13,042.00	0.00	0.00
		DIISOCYANATES		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		COPPER		0.00	0.00	0.00	2.00	0.00	3,592.00	0.00	0.00
		NICKEL		0.00	0.00	0.00	4.00	0.00	9,206.00	0.00	0.00
	CS INTEGRATED L.L.C.		VINITA PARK								
		AMMONIA		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DAIMLERCHRYSLER CORP. ST. LOUIS		FENTON								
		1,2,4-TRIMETHYLBENZENE	11,400.00		0.00	0.00	0.00	0.00	0.00	7,900.00	610.00
		ETHYLENE GLYCOL	89.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BENZENE	54.00		0.00	0.00	0.00	0.00	0.00	9.00	0.00
		N-BUTYL ALCOHOL	19.00		0.00	0.00	0.00	0.00	0.00	1.00	0.00
		NITRATE COMPOUNDS	0.00		0.00	0.00	0.00	9.00	0.00	0.00	0.00
		METHANOL	7,900.00		0.00	0.00	0.00	320.00	0.00	0.00	0.00
		METHYL TERT-BUTYL ETHER	228.00		0.00	0.00	0.00	0.00	0.00	28.00	0.00
		NICKEL COMPOUNDS	0.00		0.00	0.00	490.00	2,600.00	0.00	0.00	0.00
		ETHYLBENZENE	28,900.00		0.00	0.00	0.00	0.00	30,000.00	580.00	72.00
		ZINC COMPOUNDS	0.00		0.00	0.00	520.00	2,155.00	0.00	0.00	0.00
		N-HEXANE	74.00		0.00	0.00	0.00	0.00	0.00	11.00	0.00
		CYCLOHEXANE	78.00		0.00	0.00	0.00	0.00	0.00	11.00	0.00
		MANGANESE COMPOUNDS	0.00		0.00	0.00	190.00	3,700.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS	77,100.00		0.00	0.00	0.00	22.00	12.00	11,000.00	3,500.00
		N-METHYL-2-PYRROLIDONE	4,430.00		0.00	0.00	0.00	0.00	6.00	640.00	0.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
	DIISOCYANATES			29.00	0.00	0.00	0.00	920.00	220.00	5.00	0.00
	XYLENE (MIXED ISOMERS)		122,000.00		0.00	0.00	0.00	0.00	130,000.00	3,501.00	410.00
	COPPER		1,110.00		0.00	0.00	0.00	5.00	0.00	0.00	0.00
	SODIUM NITRITE		0.00		0.00	0.00	4.00	0.00	0.00	0.00	0.00
	METHYL ISOBUTYL KETONE		54,600.00		0.00	0.00	0.00	0.00	54,003.00	1,300.00	170.00
	TOLUENE		6,530.00		0.00	0.00	0.00	320.00	0.00	84.00	5.00
	NITRIC ACID		2.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
DANA CORP. PERFECT CIRCLE DIV.					MANCHESTER						
	TRICHLOROETHYLENE		137,297.00		0.00	0.00	0.00	0.00	90,273.00	0.00	0.00
FEDERAL-MOGUL FRICTION PRODS.					BERKELEY						
	ETHYLENE GLYCOL		10.00		250.00	0.00	0.00	500.00	0.00	0.00	0.00
	CERTAIN GLYCOL ETHERS		500.00		3,400.00	0.00	0.00	2,410.00	0.00	0.00	0.00
FINDLAY INDS. INC. ST. LOUIS DIV.					CHESTERFIELD						
	DIISOCYANATES		7,780.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLEX-O-LITE INC.					FENTON						
	CHROMIUM COMPOUNDS		55.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	N-HEXANE		12,761.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	LEAD COMPOUNDS		217.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	METHYL ETHYL KETONE		25,676.00		0.00	0.00	0.00	0.00	0.00	0.00	3,251.00
	TOLUENE		24,996.00		0.00	0.00	0.00	0.00	0.00	0.00	485.00
	XYLENE (MIXED ISOMERS)		7,958.00		0.00	0.00	0.00	0.00	0.00	0.00	491.00
FOAM SUPPLIES INC.					EARTH CITY						
	CHLORODIFLUOROMETHANE		2,235.00		0.00	0.00	0.00	250.00	0.00	0.00	0.00
	1,1-DICHLORO-1-FLUOROETHANE		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DIISOCYANATES		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
FORD MOTOR CO. ST. LOUIS ASSEMBLY					HAZELWOOD						

				On- and Off-site Releases				Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		BENZENE		94.00	0.00	0.00	0.00	0.00	0.00	52.00	0.00
		N-HEXANE		1,317.00	0.00	0.00	0.00	0.00	0.00	62.00	0.00
		CYCLOHEXANE		3.00	0.00	0.00	0.00	0.00	0.00	62.00	0.00
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		PROPYLENE		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DI(2-ETHYLHEXYL) PHTHALATE		0.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
		SODIUM NITRITE		0.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00
		METHYL TERT-BUTYL ETHER		890.00	0.00	0.00	0.00	0.00	0.00	160.00	0.00
		MANGANESE COMPOUNDS		1.00	0.00	0.00	810.00	7,305.00	0.00	0.00	0.00
		ZINC COMPOUNDS		29.00	0.00	0.00	480.00	9,006.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		382,200.00	0.00	0.00	0.00	0.00	283,050.00	55,400.00	0.00
		TOLUENE		70,990.00	0.00	0.00	0.00	250.00	64,640.00	21,300.00	0.00
		N-BUTYL ALCOHOL		12,069.00	0.00	0.00	0.00	0.00	19,195.00	910.00	0.00
		METHYL ISOBUTYL KETONE		251,300.00	0.00	0.00	0.00	0.00	191,905.00	670.00	0.00
		METHYL ETHYL KETONE		32,800.00	0.00	0.00	0.00	5.00	5,959.00	1,770.00	0.00
		CERTAIN GLYCOL ETHERS		108,000.00	0.00	0.00	0.00	5.00	11,100.00	11,000.00	170.00
		ETHYLENE GLYCOL		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE		130,670.00	0.00	0.00	0.00	250.00	57,570.00	12,200.00	0.00
		1,2,4-TRIMETHYLBENZENE		19,120.00	0.00	0.00	0.00	0.00	33,300.00	2,220.00	0.00
		METHANOL		15,000.00	0.00	0.00	0.00	5.00	3,400.00	2,100.00	0.00
FUTURA COATINGS INC.				HAZELWOOD							
		TOLUENE DIISOCYANATE (MIXED		5.00	0.00	0.00	0.00	0.00	0.00	733.00	0.00
		METHYL ETHYL KETONE		1,000.00	0.00	0.00	0.00	0.00	0.00	6,226.00	100.00
		XYLENE (MIXED ISOMERS)		1,500.00	0.00	0.00	0.00	0.00	0.00	52,460.00	280.00
		DIISOCYANATES		250.00	0.00	0.00	0.00	0.00	0.00	31,946.00	0.00
		TOLUENE		1,500.00	0.00	0.00	0.00	0.00	0.00	75,349.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		DIBUTYL PHTHALATE		5.00	0.00	0.00	0.00	0.00	0.00	11.00	0.00
	<i>HARVARD IND.</i>				BRIDGETON						
		COPPER		0.00	0.00	0.00	5.00	0.00	8,675.00	0.00	0.00
	<i>HUSSMANN CORP.</i>				BRIDGETON						
		XYLENE (MIXED ISOMERS)		2,950.00	0.00	0.00	0.00	0.00	17,000.00	1,820.00	0.00
		CHLORODIFLUOROMETHANE		11,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIISOCYANATES		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>LHB INDS.</i>				BERKELEY						
		XYLENE (MIXED ISOMERS)		718.00	0.00	0.00	0.00	0.00	0.00	5,878.00	0.00
		METHANOL		4,643.00	0.00	0.00	0.00	0.00	38,888.00	0.00	0.00
		METHYL ETHYL KETONE		1,344.00	0.00	0.00	0.00	0.00	0.00	11,305.00	0.00
		TOLUENE		3,092.00	0.00	0.00	0.00	0.00	0.00	34,257.00	0.00
		ISOPROPYL ALCOHOL		827.00	0.00	0.00	0.00	0.00	6,964.00	0.00	0.00
	<i>MAC MOLDING CO. INC.</i>				SAINT LOUIS						
		PHENOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		STYRENE		441.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MARCHEM CORP.</i>				MARYLAND HEIGHTS						
		MERCURY COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIISOCYANATES		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		44.00	0.00	0.00	0.00	0.00	0.00	0.00	7,069.00
		TOLUENE DIISOCYANATE (MIXED		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MCDONNELL DOUGLAS CORP.</i>				HAZELWOOD						
		SEC-BUTYL ALCOHOL		10,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID		6,800.00	0.00	0.00	0.00	0.00	0.00	0.00	140,042.00
		COPPER		0.00	0.00	23.00	67.00	170.00	93,200.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,600.00

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		TRICHLOROETHYLENE		20,000.00	0.00	0.00	0.00	0.00	0.00	6,800.00	0.00
		MERCURY		0.30	0.00	0.00	0.00	0.00	16.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		7,300.00	0.00	0.00	0.00	0.00	0.00	3,600.00	0.00
		TOLUENE		2,780.00	0.00	0.00	0.00	0.00	0.00	17,000.00	0.00
		METHYL ETHYL KETONE		10,400.00	0.00	0.00	0.00	0.00	0.00	11,000.00	0.00
		1,1-DICHLORO-1-FLUOROETHANE		41,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		LEAD COMPOUNDS		5.00	0.00	0.00	11.00	120.00	7,400.00	0.00	0.00
		CHROMIUM COMPOUNDS		66.00	0.00	5.00	305.00	8,079.00	5,600.00	0.00	0.00
		METHYL ISOBUTYL KETONE		10,900.00	0.00	0.00	0.00	0.00	0.00	14,000.00	0.00
MID STATES DAIRY					HAZELWOOD						
		AMMONIA		6,608.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MID-STATES PAINT & CHEM. CO.					SAINT LOUIS						
		XYLENE (MIXED ISOMERS)		917.00	0.00	0.00	0.00	0.00	0.00	750.00	0.00
		TOLUENE		929.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIDCO PRODS. CO. INC.					CHESTERFIELD						
		METHYL ETHYL KETONE		748.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DICHLOROMETHANE		906.00	0.00	0.00	0.00	0.00	0.00	750.00	0.00
		TRICHLOROETHYLENE		122.00	0.00	0.00	0.00	0.00	0.00	750.00	0.00
		CUMENE		144.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		288.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TETRACHLOROETHYLENE		1,490.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00
		TOLUENE		340.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		3,076.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MOZEL INC.					BELLA VILLA						
		N-METHYL-2-PYRROLIDONE		2,237.00	0.00	0.00	0.00	0.00	0.00	106.00	0.00
		TETRACHLOROETHYLENE		282.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		XYLENE (MIXED ISOMERS)		289.00	0.00	0.00	0.00	0.00	0.00	7,425.00	0.00
	<i>MULTIPLEX CO. INC.</i>				BALLWIN						
		COPPER COMPOUNDS		0.00	0.00	0.00	2.00	0.00	2,180.00	0.00	0.00
		MANGANESE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	6,708.00	0.00	0.00
		CHROMIUM COMPOUNDS		0.00	0.00	0.00	2.00	0.00	58,529.00	0.00	0.00
		NICKEL COMPOUNDS		0.00	0.00	0.00	1.00	0.00	30,728.00	0.00	0.00
		DIISOCYANATES		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>NESCO CONTAINER CORP.</i>				FENTON						
		METHYL ETHYL KETONE		9,691.00	0.00	0.00	0.00	0.00	0.00	5,782.00	0.00
		FORMALDEHYDE		206.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00
	<i>O'HARE FNDY. CORP.</i>				MAPLEWOOD						
		COPPER		500.00	0.00	0.00	0.00	5.00	10,144.00	0.00	0.00
	<i>PACE CONSTRUCTION CO. ANTIRE FACILITY</i>				EUREKA						
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PACE CONSTRUCTION CO. FORT BELLE PLANT</i>				BELLE FONTAINE NEIGHBORS						
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PENNZOIL-QUAKER STATE CO.</i>				MARYLAND HEIGHTS						
		ZINC COMPOUNDS		0.00	0.00	5.00	0.00	1,725.00	0.00	0.00	0.00
	<i>PILLSBURY CO.</i>				HAZELWOOD						
		ETHYLENE GLYCOL		6,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHLORODIFLUOROMETHANE		37,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>PM RESOURCES INC.</i>				BRIDGETON						
		PHENOL		32.00	0.00	0.00	0.00	0.00	0.00	0.00	820.00
		XYLENE (MIXED ISOMERS)		520.00	0.00	0.00	0.00	0.00	0.00	0.00	32,100.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		PHTHALIC ANHYDRIDE		490.00	0.00	0.00	0.00	0.00	0.00	0.00	1,550.00
		ZINC COMPOUNDS		990.00	0.00	0.00	270.00	5,470.00	0.00	0.00	0.00
		FAMPHUR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,950.00
		TETRACYCLINE HYDROCHLORIDE		0.00	0.00	0.00	0.00	10,800.00	0.00	0.00	0.00
		COPPER COMPOUNDS		86.00	0.00	0.00	40.00	1,210.00	0.00	0.00	0.00
		TETRACHLORVINPHOS		80.00	0.00	0.00	0.00	37.00	0.00	0.00	3,440.00
	<i>PRINTPACK INC.</i>				HAZELWOOD						
		CYCLOHEXANE		3,574.00	0.00	0.00	0.00	0.00	0.00	2,889.00	0.00
	<i>REICHHOLD INC. VALLEY PARK PLANT</i>				VALLEY PARK						
		XYLENE (MIXED ISOMERS)		1,306.00	0.00	0.00	0.00	0.00	0.00	11,975.00	0.00
		N-METHYL-2-PYRROLIDONE		183.00	0.00	0.00	0.00	13,273.00	0.00	1,188.00	0.00
		SEC-BUTYL ALCOHOL		619.00	0.00	0.00	0.00	0.00	0.00	3,611.00	0.00
		N-BUTYL ALCOHOL		98.00	0.00	0.00	0.00	0.00	0.00	643.00	0.00
		ETHYLBENZENE		380.00	0.00	0.00	0.00	0.00	0.00	2,283.00	0.00
		PHTHALIC ANHYDRIDE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		1,262.00	0.00	0.00	0.00	0.00	0.00	12,380.00	0.00
		TOLUENE		282.00	0.00	0.00	0.00	0.00	0.00	852.00	0.00
		TOLUENE DIISOCYANATE (MIXED		1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ISOBUTYL KETONE		425.00	0.00	0.00	0.00	0.00	0.00	2,252.00	0.00
		DIISOCYANATES		10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>RELIABLE BIOPHARMACEUTICAL CORP.</i>				OVERLAND						
		METHANOL		6,692.00	0.00	0.00	0.00	0.00	0.00	31,232.00	0.00
	<i>ROTO-DIE CO. INC.</i>				EUREKA						
		MANGANESE		2.00	0.00	0.00	0.00	0.00	38,716.00	0.00	0.00
		COBALT		3.00	0.00	0.00	0.00	0.00	20,707.00	0.00	0.00
		COPPER COMPOUNDS		0.00	0.00	0.00	0.00	0.00	20,990.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
SINNETT-ELPACO COATINGS CORP.					PAGEDALE						
		METHYL ISOBUTYL KETONE		990.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-BUTYL ALCOHOL		1,220.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		2,420.00	0.00	0.00	0.00	0.00	0.00	73,240.00	0.00
		CERTAIN GLYCOL ETHERS		1,310.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		3,380.00	0.00	0.00	0.00	0.00	0.00	73,240.00	0.00
		METHYL ETHYL KETONE		1,250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ST. LOUIS NORTH ASSEMBLY PLANT					FENTON						
		CYCLOHEXANE		29.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHANOL		1,500.00	0.00	0.00	0.00	21.00	0.00	31.00	0.00
		TOLUENE		1,420.00	0.00	0.00	0.00	23.00	0.00	7.00	0.00
		SODIUM NITRITE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		N-HEXANE		29.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZINC COMPOUNDS		0.00	0.00	0.00	400.00	1,089.00	0.00	0.00	0.00
		NITRATE COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL COMPOUNDS		0.00	0.00	0.00	500.00	2,700.00	0.00	0.00	0.00
		N-METHYL-2-PYRROLIDONE		29,800.00	0.00	0.00	0.00	2.00	73.00	5,007.00	0.00
		XYLENE (MIXED ISOMERS)		56,400.00	0.00	0.00	0.00	0.00	51,000.00	401.00	350.00
		METHYL TERT-BUTYL ETHER		72.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		302,000.00	0.00	0.00	0.00	30.00	11.00	26,001.00	4,900.00
		COPPER		299.00	0.00	0.00	0.00	93.00	0.00	0.00	0.00
		METHYL ISOBUTYL KETONE		21,200.00	0.00	0.00	0.00	0.00	22,000.00	84.00	93.00
		ETHYLENE GLYCOL		160.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NITRIC ACID		23.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE		12,200.00	0.00	0.00	0.00	0.00	12,000.00	36.00	39.00
		1,2,4-TRIMETHYLBENZENE		65,600.00	0.00	0.00	0.00	2.00	56.00	2,305.00	1,601.00

				On- and Off-site Releases				Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		BENZENE		24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIISOCYANATES		1.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00
		N-BUTYL ALCOHOL		76,500.00	0.00	0.00	0.00	3.00	122.00	13.00	1.00
		MANGANESE COMPOUNDS		0.00	0.00	0.00	130.00	2,600.00	0.00	0.00	0.00
THERMAL SCIENCE INC.					FENTON						
		TOLUENE		15,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TIFFANY MARBLE MFG. INC.					FENTON						
		STYRENE		3,800.00	0.00	0.00	0.00	0.00	0.00	120.00	0.00
TRUE MFG. CO. INC.					OLIVETTE						
		CHLORODIFLUOROMETHANE		4,213.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,1-DICHLORO-1-FLUOROETHANE		5,691.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIISOCYANATES		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNILEVER HPC USA ST. LOUIS PLANT					PAGEDALE						
		METHANOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VOPAK USA INC. ST. LOUIS					BERKELEY						
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ETHYL KETONE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHANOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLENE GLYCOL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DICHLOROMETHANE		116.00	0.00	0.00	0.00	0.00	443.00	0.00	0.00
		N-METHYL-2-PYRROLIDONE		4.00	0.00	0.00	0.00	0.00	0.00	747.00	0.00
		AMMONIA		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TRICHLOROETHYLENE		34.00	0.00	0.00	0.00	0.00	486.00	0.00	0.00
WATLOW-ST. LOUIS					MARYLAND HEIGHTS						
		CHROMIUM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		NITRIC ACID		0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,078.00
		NICKEL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>ST. LOUIS</b>											
	<i>EAGLE PACKAGING INC.</i>				BRIDGETON						
		DI(2-ETHYLHEXYL) PHTHALATE		45.00	0.00	0.00	0.00	0.00	0.00	34,769.00	0.00
		ZINC COMPOUNDS		0.00	0.00	0.00	0.00	0.00	250.00	0.00	0.00
	<i>PERMEA</i>				SAINT LOUIS						
		N-METHYL-2-PYRROLIDONE		69.00	0.00	0.00	0.00	0.00	0.00	347.00	106.00
<b>STE GENEVIEVE</b>											
	<i>CHEMICAL LIME CO.</i>				SAINTE GENEVIEVE						
		DIOXIN AND DIOXIN-LIKE		0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		HYDROCHLORIC ACID (1995 AND		32,503.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MERCURY		12.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>MISSISSIPPI LIME CO.</i>				SAINTE GENEVIEVE						
		HYDROCHLORIC ACID (1995 AND		32,209.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		SULFURIC ACID (1994 AND AFTER		177,602.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		DIOXIN AND DIOXIN-LIKE		0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MERCURY		18.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>STODDARD</b>											
	<i>ARVINMERITOR EXHAUST - DEXTER</i>				DEXTER						
		CHROMIUM		629.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL		11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<i>ASA ASPHALT INC.</i>				ADVANCE						
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		POLYCYCLIC AROMATIC		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
SULLIVAN	IXL MFG. CO. INC.				BERNIE						
	STYRENE			2,555.00	0.00	0.00	0.00	0.00	0.00	0.00	
	MIRACLE RECREATION EQUIP. CO.				ADVANCE						
	STYRENE			7,400.00	0.00	0.00	0.00	0.00	750.00	0.00	
	TYSON FOODS FEED MILL				DEXTER						
	COPPER COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	CONAGRA FROZEN FOODS				MILAN						
	AMMONIA			4,020.00	0.00	0.00	0.00	0.00	0.00	0.00	
	PREMIUM STANDARD FARMS PORK				MILAN						
	AMMONIA			0.00	0.00	250.00	0.00	0.00	250.00	0.00	0.00
TANEY	NITRATE COMPOUNDS			0.00	0.00	146,402.00	0.00	0.00	0.00	0.00	0.00
	CHLORINE			0.00	0.00	750.00	0.00	0.00	0.00	0.00	0.00
	ROYAL OAK ENTERPRISES INC.				BRANSON						
	SODIUM NITRITE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DAIRY FARMERS OF AMERICA INC.				CABOOL						
	NITRATE COMPOUNDS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NITRIC ACID			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ROYAL OAK ENTERPRISES INC.				LICKING						
	METHANOL			858,960.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3M NEVADA PLANT				NEVADA						

On- and Off-site Releases								Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
		LEAD COMPOUNDS		0.00	0.00	0.00	0.00	6,600.00	5,240.00	0.00	0.00
		XYLENE (MIXED ISOMERS)	231,800.00		0.00	0.00	0.00	0.00	0.00	820,520.00	670.00
		CHROMIUM COMPOUNDS		0.00	0.00	0.00	8.00	1,500.00	5,360.00	0.00	0.00
		ZINC COMPOUNDS		0.00	0.00	9.00	8.00	9,800.00	4.00	0.00	0.00
		ANTIMONY COMPOUNDS		0.00	0.00	0.00	0.00	49,170.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS	3,900.00		0.00	0.00	0.00	0.00	0.00	10,200.00	4,400.00
		ETHYLBENZENE	48,370.00		0.00	0.00	0.00	0.00	0.00	173,076.00	98.00
		N-METHYL-2-PYRROLIDONE	3,800.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHANOL	700.00		0.00	0.00	0.00	0.00	0.00	21,000.00	1.00
		METHYL ISOBUTYL KETONE	17,075.00		0.00	0.00	0.00	0.00	0.00	170.00	220.00
		N-BUTYL ALCOHOL	6,700.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE	50,170.00		0.00	0.00	0.00	0.00	0.00	126,180.00	460.00
	METHYL ETHYL KETONE	161,700.00		0.00	0.00	0.00	0.00	0.00	747,350.00	450.00	
HONEYWELL INTL. INC.				NEVADA							
WARREN		DIISOCYANATES		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BINKLEY CO.				WARRENTON							
		METHANOL	12,721.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MANGANESE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)	50,362.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE	50,724.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ETHYLBENZENE	12,360.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
PACE CONSTRUCTION CO. WARRENTON				WARRENTON							
		POLYCYCLIC AROMATIC		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		BENZO(G,H,I)PERYLENE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
WASHINGTON	WARCO MFG. CO. INC.				MARTHASVILLE						
	COPPER			10.00	0.00	0.00	0.00	0.00	21,706.00	0.00	0.00
	WARRENTON COPPER L.L.C.				WARRENTON						
	COPPER			12,345.00	0.00	250.00	0.00	4,526.00	1,202,866.00	0.00	0.00
	WARRENTON PRODS. INC.				WARRENTON						
	AMMONIA			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CHLORINE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BUCKMAN LABS. INC.				CADET						
	FORMALDEHYDE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BROMINE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SODIUM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	POTASSIUM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DICHLOROMETHANE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DISODIUM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	EPICHLOROHYDRIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AMMONIA			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OZONE			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1,4-DIOXANE			55.00	0.00	3.00	0.00	0.00	0.00	75,066.00	0.00
	DAZOMET			0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,286.00
	POTASSIUM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CARBON DISULFIDE			9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BIS(2-CHLOROETHYL) ETHER			91.00	0.00	0.00	0.00	0.00	0.00	4,041.00	0.00	
1,2-DICHLOROETHANE			347.00	0.00	0.00	0.00	0.00	0.00	47,237.00	0.00	
DIMETHYLAMINE			252.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
METHAM SODIUM			0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.00	

				On- and Off-site Releases				Off-site Transfers			
COUNTY	FACILITY	CHEMICAL	CITY	AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
WAYNE	RED WING SHOE POTOSI				POTOSI						
		DIISOCYANATES		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GS ROOFING PRODS. CO. INC.				PIEDMONT						
		ZINC COMPOUNDS		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WEBSTER		CHROMIUM COMPOUNDS		5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CORNING CABLE SYS.				STRAFFORD						
		MANGANESE		500.00	0.00	0.00	0.00	500.00	339,000.00	0.00	0.00
		NICKEL		415.00	0.00	0.00	0.00	415.00	85,800.00	0.00	0.00
		CHROMIUM		330.00	0.00	0.00	0.00	330.00	18,700.00	0.00	0.00
	SPORTSMAN INC.				ROGERSVILLE						
		XYLENE (MIXED ISOMERS)		25,416.00	0.00	0.00	0.00	0.00	112.00	12,925.00	0.00
		STYRENE		66,486.00	0.00	0.00	0.00	0.00	0.00	4,500.00	0.00
	STEEL PROCESSORS				SEYMOUR						
		CERTAIN GLYCOL ETHERS		32,390.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TYLER PIPE CO.				MARSHFIELD						
		CHROMIUM COMPOUNDS		0.00	5.00	0.00	0.00	5.00	11,740.00	0.00	0.00
		MANGANESE COMPOUNDS		0.00	5.00	0.00	0.00	5.00	11,003.00	0.00	0.00
		NICKEL COMPOUNDS		0.00	5.00	0.00	0.00	5.00	49,391.00	0.00	0.00
	WILCORP INDS. INC. - MAR				MARSHFIELD						
		N-HEXANE		40.00	0.00	0.00	0.00	0.00	0.00	400.00	540.00
		TOLUENE		770.00	0.00	0.00	0.00	0.00	0.00	3,600.00	5,000.00
		METHYL ETHYL KETONE		5,300.00	0.00	0.00	0.00	0.00	0.00	21,000.00	29,500.00
YORK CASKET-MISSOURI					MARSHFIELD						

COUNTY	FACILITY	CHEMICAL	CITY	On- and Off-site Releases					Off-site Transfers		
				AIR	LAND	WATER	POTW	DISPOSAL	RECYCL	ENERG	TRMT
WRIGHT		COPPER COMPOUNDS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		TOLUENE		18,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		METHYL ETHYL KETONE		24,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CHROMIUM COMPOUNDS		250.00	0.00	0.00	0.00	4,800.00	0.00	0.00	0.00
		MANGANESE COMPOUNDS		250.00	0.00	0.00	0.00	750.00	0.00	0.00	0.00
		MOLYBDENUM TRIOXIDE		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		PHOSPHORUS (YELLOW OR WHITE)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		NICKEL COMPOUNDS		250.00	0.00	0.00	0.00	2,200.00	0.00	0.00	0.00
		BEEHLER CORP.			MOUNTAIN GROVE						
		NICKEL		250.00	0.00	0.00	5.00	43.00	4,925.00	0.00	0.00
		MANGANESE		250.00	0.00	0.00	5.00	51.00	7,189.00	0.00	0.00
		CHROMIUM		250.00	0.00	0.00	5.00	47.00	4,596.00	0.00	0.00
	MANS STEEL			MANSFIELD							
		TOLUENE		83,360.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		XYLENE (MIXED ISOMERS)		35,688.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		CERTAIN GLYCOL ETHERS		15,217.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		1,2,4-TRIMETHYLBENZENE		23,852.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## **APPENDIX D**

### **COMMON USES OF TOXIC CHEMICALS AND THEIR POTENTIAL HAZARDS**

## Appendix D

### COMMON USES OF TOXIC CHEMICALS AND THEIR POTENTIAL HAZARDS

The following information is presented as a quick-reference summary of information for some of the toxic chemicals that are reported by TRI facilities. It is not a detailed discussion of the uses or potential hazards posed by the chemicals. This information is from *Hazardous Substance Fact Sheets* provided by the New Jersey Department of Health and distributed by the Environmental Protection Agency, Computer Aided Management of Emergency Operations (CAMEO) and from *A Comprehensive Guide to the Hazardous Properties of Chemical Substances* by Dr. Pradyot Patnaik. The reader should consult chemicals or toxicology reference materials to learn more about the substances presented in this summary. Compiled by the Minnesota Emergency Response Commission.

**Acetaldehyde:** Used as a liquid in making acetic acid, pyridine, pentaerythritol, peracetic acid and related chemicals. It occurs naturally in ripe fruit, coffee and cigarette smoke.

*Hazard:* Inhalation can irritate respiratory system, affect the cardiovascular system; liquid or vapor irritates skin and eyes.

**Aluminum (Fume or Dust):** Used as a powder in paints and protective coatings, as a catalyst and in rocket fuel.

*Hazard:* Fine powders form flammable and explosive mixtures in air and with powerful oxidants; moderately flammable by heat, flame or chemical reaction with oxidizers.

**Ammonia:** Used in making fertilizers, explosives, plastics, dyes and textiles.

*Hazard:* Moderately flammable; inhalation may irritate lungs; can irritate nose eyes, mouth and throat; exposure to concentrated fumes can be fatal.

**n-Butyl Alcohol:** Liquid used as a solvent for fats, waxes, shellacs, resins, gums and varnishes.

*Hazard:* Flammable liquid and fire hazard; can damage liver, kidneys, hearing and sense of balance; can cause eye irritation and headaches, irritation to nose and throat may occur.

**Carbon Disulfide:** Liquid used to make rayon, agricultural fumigants, rubber chemicals and cellulose; clean metal surfaces and extract olive oil.

*Hazard:* Adversely effects the nervous system; dizziness, headaches, blurred vision, agitation, convulsions, coma and death; vapor irritates the nose and throat; liquid causes chemical burns, damage to eyes.

**Chloroform:** Used as a cleansing agent, manufacture of refrigerant and fire extinguishers.

*Hazard:* Dizziness, light-headedness, dullness, hallucination, nausea, headache, fatigue and anesthesia.

**Copper and Compounds:** Used in electrical wiring, plumbing, compounds used in fumigants, pesticides, electroplating, paint pigments and catalysts.

*Hazard:* Irritants; some compounds highly toxic; degree of toxicity dependent on compound, exposure and method of entry into the body.

**Di (2-ethylhexyl) phthalate:** Used to make plastics, products found in homes, automobiles, medical and packaging industries.

*Hazard:* It is a carcinogen and teratogen; short term exposure may cause irritation to eyes, nose and throat; long term exposure may cause liver cancer; may damage testes, kidneys and liver; may cause numbness and tingling in the arms and legs.

**Dichloromethane:** Industrial solvent and paint stripper; in aerosol and pesticide products; used in photographic film productions and in food, furniture and plastics processing.

*Hazard:* Carcinogen; lung irritant; inhalation can cause headaches, fatigue and drunk behavior.

**Ethyl Benzene:** A solvent, intermediate in the production of styrene.

*Hazard:* Has a mild toxicity by inhalation and intraperitoneal routes; an eye and skin irritant.

**Ethylene Benzene:** In anti-freeze, paints, laminates, auto brake fluids, ink, tobacco and wood stains and used to de-ice aircraft wings.

*Hazard:* Teratogen; highly toxic by ingestion or inhalation.

**Formaldehyde:** Used in manufacture of phenolic resins, cellulose esters, artificial silks, dyes, explosives and organic chemicals; also germicide, fungicide and disinfectant; in tanning, adhesives, waterproofing fabrics, and tonic and chrome printing in photography.

*Hazard:* Can injure eyes, skin and respiratory system; is a mutagen, teratogen and probably carcinogenic.

**Glycol Ethers:** Solvents.

*Hazard:* Toxic by inhalation, ingestion or skin absorption; irritating to eyes, nose, throat and skin.

**Hexane:** Chief constituent of petroleum ether, gasoline and rubber solvent; also solvent for adhesives, vegetable oils, in organic analysis; and denaturing alcohols.

*Hazard:* May produce distorted vision, hallucination, headache, dizziness, nausea and irritation of eyes and throat.

**Hydrochloric Acid:** Metal cleaning and pickling, food processing and general cleaners.

*Hazard:* Very corrosive, toxic by ingestion or inhalation; can irritate mouth, nose and throat.

**Hydrogen Fluoride:** Used as a catalyst in petroleum industry, fluorination process in aluminum industry, make fluorides, separation of uranium isotopes, making plastics and production of dyes.

*Hazard:* Is corrosive; can irritate nose, throat and lungs, can cause pulmonary edema, can cause severe burns to skin and eyes; may damage kidneys and liver.

**Lead and Compounds:** In batteries, gasoline additives, ammunition, piping and radiation shielding.

*Hazard:* Poison by ingestion, can cause brain damage, particularly in children; suspected carcinogen of the lungs and kidneys.

**Manganese and Compounds:** Used in aluminum production, steel making and dry cell batteries, compounds used for varnishes, fertilizers and food additives.

*Hazard:* Dust is flammable and moderately explosive; toxic by inhalation.

**Methanol:** Solvent, cleaner and fuel.

*Hazard:* Highly flammable, ingestion can cause blindness; has a mild toxicity by inhalation.

**Methyl Ethyl Ketone:** Solvent in making plastics, textiles, paint removers and adhesives.

*Hazard:* flammable, explosive; toxic by inhalation; a strong irritant; has a moderate toxicity by ingestion.

**Methyl Isobutyl Ketone:** Solvent for paints, varnishes, nitrocellulose lacquers, gun and resins.

*Hazard:* Flammable, poison by intraperitoneal route, has a moderate toxicity by ingestion or inhalation; very irritating to eyes, skin and mucous membranes; narcotic in high concentrations.

**Nickel and Compounds:** Used in alloys and electroplating, catalysts, dyes and textile printing.

*Hazard:* Carcinogenic and poisonous.

**Nitrate Compounds:** Accelerates the burning of combustible materials; if involved in a fire an explosion may result, may react violently with fuels.

*Hazard:* May cause burns to skin and eyes; may produce irritating or poisonous gasses.

**Nitric Acid:** Used in making fertilizers, dyes, explosives, metallurgy and etching steel.

*Hazard:* Corrosive, powerful oxidizer; flammable by chemical reaction with reducing agent; produces toxic fumes when heated to decomposition; corrosive to eyes, skin, mucous membranes and teeth; experimental teratogen; delays pulmonary edema.

**Styrene:** Used in the manufacture of polystyrene, resins, protective coatings, plastics, synthetic rubber and an insulator.

*Hazard:* Toxic by ingestion and inhalation; can react vigorously with oxidizing agents; emits acrid smoke and irritating fumes when heated to decomposition.

**Sulfuric Acid:** In fertilizers, chemicals, dyes, rayon and film; widely used by metals industry.

*Hazard:* Moderately toxic by ingestion; a severe eye irritant, extremely irritating, corrosive and toxic to tissue.

**Tetrachloroethylene:** Used as a solvent, in dry-cleaning and metal degreasing.

*Hazard:* Can produce headaches, dizziness, drowsiness, incoordination, irritation to eyes, nose and throat; flushing of neck and face.

**Toluene:** Solvent for perfumes, medicines, dyes, explosives, detergents, aviation gasoline and other chemicals.

*Hazard:* Highly flammable and explosive; toxic by ingestion, inhalation and skin contact.

**1,1,1-Trichloroethane:** Solvent for cleaning precision instruments; also in pesticides and textiles.

*Hazard:* Suspected carcinogen, irritating to eyes and skin; has a mild toxicity by ingestion, inhalation and skin contact.

**Trichloroethylene:** Cleaning electronic parts and diluting paints; also in degreasers and fumigants; aerospace industries use it to flush liquid oxygen.

*Hazard:* Carcinogenic, has a mild toxicity by ingestion and inhalation.

**1,2,4-Trimethyl Benzene:** Used in the manufacture of dyes and pharmaceuticals.

*Hazard:* Moderately toxic by intraperitoneal route; mildly toxic by inhalation; can cause nervous system depression, anemia and bronchitis; flammable when exposed to heat, flame or oxidizers.

**Xylene:** Used as solvents and in making drugs, dyes, insecticides and gasoline.

*Hazard:* Flammable, mildly toxic by ingestion and inhalation.

**Zinc and Compounds:** Used as a coating on iron and steel, in making brass metal alloys, car parts, electroplating, batteries, electrical products, paints and fumigants.

*Hazard:* Zinc dust is flammable and a human skin irritant.

# **APPENDIX E**

## **SOURCE REDUCTION ACTIVITY CODES**

## Appendix E

### SOURCE REDUCTION ACTIVITY CODES

#### Good Operating Practices

- W13 Improved maintenance scheduling, record keeping or procedures
- W14 Changed production schedule to minimize equipment and feedstock changeovers
- W19 Other changes in operating practices

#### Inventory Control

- W21 Instituted procedures to ensure that materials do not stay in inventory beyond shelf-life
- W22 Began to test outdated material – continue to use if still effective
- W23 eliminated shelf-life requirements for stable materials
- W24 Instituted better labeling procedures
- W25 Instituted clearinghouse to exchange materials that would otherwise be discarded
- W29 Other changes in inventory control

#### Spill and Leak Prevention

- W31 Improved storage or stacking procedures
- W32 Improved procedures for loading, unloading, and transfer operations
- W33 Installed overflow alarms or automatic shut-off valves
- W35 Installed vapor recovery systems
- W36 Implemented inspection or monitoring program of potential spill or leak sources
- W39 Other changes made in spill and leak prevention

#### Raw Material Modifications

- W41 Increased purity of raw materials
- W42 Substituted raw materials
- W49 Other raw material modifications

#### Process Modifications

- W51 Instituted recirculation within a process

#### Process Modifications (cont.)

- W52 Modified equipment, layout or piping
- W53 Use of a different process catalyst
- W54 Instituted better controls on operating bulk containers to minimize discarding of empty containers
- W55 Changed from small volume containers to bulk containers to minimize discarding of empty containers
- W58 Other process modifications

#### Cleaning and Degreasing

- W59 Modified stripping/cleaning equipment
- W60 Changed to mechanical stripping/cleaning devices (from solvents or other materials)
- W61 Changed to aqueous cleaners (from solvents or other materials)
- W63 Modified containment procedures for cleaning units
- W64 Improved draining procedures
- W65 Redesigned parts racks to reduce drag out
- W66 Modified or installed rinse systems
- W67 Improved rinse equipment design
- W68 Improved rinse equipment operation
- W71 Other cleaning and degreasing modifications

#### Surface Preparation and Finishing

- W72 Modified spray systems or equipment
- W73 Substituted coating materials used
- W74 Improved application techniques
- W75 Changed from spray to other system
- W78 Other surface preparation and finishing modifications

#### Product Modifications

- W81 Changed product specifications
- W82 Modified design or composition of products
- W83 Modified packaging
- W89 Other product modifications

## **APPENDIX F**

### **SOURCE REDUCTION ACTIVITY BY COUNTY BY COMPANY**

## Appendix F - Source Reduction Activity by County by Company

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
BARRY							
FASCO INDS.			CASSVILLE				
		CHROMIUM COMPOUNDS	TRI	W13	NA		
GEORGE'S PROCESSING INC. OF MISSOURI			BUTTERFIELD				
		AMMONIA	TRI	W74	NA	NA	NA
BARTON							
O'SULLIVAN INDS. INC.			LAMAR				
		FORMALDEHYDE	TRI	W42	NA		
		MALEIC ANHYDRIDE	TRI	W42	NA		
BUCHANAN							
AG PROCESSING INC.			SAINT JOSEPH				
		NICKEL	TRI	W19	NA		
		N-HEXANE	TRI	W58	W39	NA	NA
ALTEC INDS. INC.			SAINT JOSEPH				
		XYLENE (MIXED ISOMERS)	TRI	W73	W19	NA	
		STYRENE	TRI	W29	NA		
BOEHRINGER INGELHEIM VETMEDICA INC.			SAINT JOSEPH				
		MERCURY COMPOUNDS	PBT	W42	NA		

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
HILLYARD INDS. INC.			SAINT JOSEPH				
		ETHYLENE GLYCOL	TRI	W42	W82	NA	
		CERTAIN GLYCOL ETHERS	TRI	W42	W82	NA	
HPI PRODS. INC.			SAINT JOSEPH				
		METHOXYCHLOR	PBT	W13	NA		
OMNIUM L.L.C.			SAINT JOSEPH				
		XYLENE (MIXED ISOMERS)	TRI	W14	W13	NA	
		ATRAZINE	TRI	W14	NA		
		CAPTAN	TRI	W19	NA		
		TRICHLORFON	TRI	W14	NA		
		NAPHTHALENE	TRI	W14	W19	NA	
		DICAMBA	TRI	W14	NA		
		METRIBUZIN	TRI	W14	NA		
		TRIFLURALIN	PBT	W14	NA		
		SIMAZINE	TRI	W13	NA		
		PROMETRYN	TRI	W14	NA		
		METHYL ISOBUTYL KETONE	TRI	W35	W32	W39	NA
		2,4-D	TRI	W19	NA		
		FLUOMETURON	TRI	W32	W14	NA	
		ETHYLENE GLYCOL	TRI	W14	NA		
		CYANAZINE	TRI	W32	W52	NA	
		2-METHYLLACTONITRILE	TRI	W19	NA		

SOURCE REDUCTION ACTIVITY							
FACILITY NAME	CITY	CHEMICAL	CLAS	FIRS	SECOND	THIRD	FOURTH
SILGAN CONTAINERS MFG. CORP.			SAINT JOSEPH				
		ETHYLBENZENE	TRI	W13	NA		
		CERTAIN GLYCOL ETHERS	TRI	W13	NA		
		N-BUTYL ALCOHOL	TRI	W13	NA		
		METHYL ETHYL KETONE	TRI	W13	NA		
		XYLENE (MIXED ISOMERS)	TRI	W13	NA		
		1,2,4-TRIMETHYLBENZENE	TRI	W13	NA		
		METHYL ISOBUTYL KETONE	TRI	W13	NA		
CAPE GIRARDEAU							
BIOKYOWA/KYOWA FOODS			CAPE GIRARDEAU				
		AMMONIA	TRI	W19	NA		
LONE STAR INDS. INC.			CAPE GIRARDEAU				
		DIOXIN AND DIOXIN-LIKE COMPOUNDS	DIOXIN	W52	NA		
CLAY							
ADM PROCESSING			NORTH KANSAS CITY				
		N-HEXANE	TRI	W39			
DAVIS PAINT CO.			NORTH KANSAS CITY				
		XYLENE (MIXED ISOMERS)	TRI	W42	NA		
		ETHYLBENZENE	TRI	W42	NA		
		ETHYLENE GLYCOL	TRI	W42	NA		
		TOLUENE	TRI	W42	NA		

SOURCE REDUCTION ACTIVITY							
FACILITY NAME	CITY	CHEMICAL	CLAS	FIRS	SECOND	THIRD	FOURTH
DOUGLAS PRODS. & PACKAGING		METHYL ETHYL KETONE	TRI	W42	NA		
			LIBERTY				
		MALATHION	TRI	W13	W31	W32	W83
		METHANOL	TRI	W13	W31	W32	W83
COLE							
VON HOFFMANN PRESS INC.			JEFFERSON CITY				
		CERTAIN GLYCOL ETHERS	TRI	W42	NA		
DUNKLIN							
EMERSON ELECTRIC CO.			KENNETT				
		N-BUTYL ALCOHOL	TRI	W19	W72	NA	
		XYLENE (MIXED ISOMERS)	TRI	W74	W52	W19	NA
		ETHYLBENZENE	TRI	W19	W72	NA	
		COPPER	TRI	W13	NA		
FRANKLIN							
JEFFERSON PRODS. CO.			WASHINGTON				
		TOLUENE	TRI	W19	NA		
MARCHEM COATED FABRICS INC.			NEW HAVEN				
		XYLENE (MIXED ISOMERS)	TRI	W14	W73	W89	W71
PAUWELS TRANSFORMERS			WASHINGTON				
		TOLUENE	TRI	W52	NA		
PLAZE INC.			SAINT CLAIR				

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
<b>GREENE</b>		N-HEXANE	TRI	W13	NA		
	<i>CLARIANT LSM (MISSOURI) INC.</i>		SPRINGFIELD				
		DICHLOROMETHANE	TRI	W36	NA		
		DIOXIN AND DIOXIN-LIKE COMPOUNDS	DIOXIN	W14	W52	NA	
		CHLOROMETHANE	TRI	W36	NA		
		METHANOL	TRI	W36	NA		
	<i>GE INDL. SYS.</i>		SPRINGFIELD				
		1,2,4-TRIMETHYLBENZENE	TRI	W42	NA		
		XYLENE (MIXED ISOMERS)	TRI	W73	NA		
	<i>KERR-MCGEE CHEMICAL L.L.C.</i>		SPRINGFIELD				
<b>GRUNDY</b>		CREOSOTE	TRI	W58	W49	NA	
	<i>MODINE MFG. CO.</i>		TRENTON				
		COPPER	TRI	W82	NA		
<b>HENRY</b>		LEAD	TRI	W82	NA		
	<i>HOLMES GROUP INC. RIVAL DIV. MFG.</i>		CLINTON				
		STYRENE	TRI	W29	W81	NA	
<b>HOWARD</b>	<i>BOB MONNIG INDUS. INC.</i>		GLASGOW				

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
HOWELL	AMMONIA		TRI	W49	NA		
	MARATHON ELECTRIC		WEST PLAINS				
	MANGANESE		TRI	W13	NA		
IRON	COPPER		TRI	W13	NA		
	DOE RUN CO. GLOVER SMELTER		GLOVER				
	ZINC COMPOUNDS		TRI	W13	W35	W52	NA
	COPPER COMPOUNDS		TRI	W13	W35	W52	NA
	ANTIMONY COMPOUNDS		TRI	W13	W35	W52	NA
	CADMIUM COMPOUNDS		TRI	W13	W35	W52	NA
	COBALT COMPOUNDS		TRI	W13	W35	W52	NA
	NICKEL COMPOUNDS		TRI	W13	W35	W52	NA
	LEAD COMPOUNDS		TRI	W13	W35	W52	NA
JACKSON	ACOUSTISEAL INC.		KANSAS CITY				
	ZINC COMPOUNDS		TRI	W49	W54	W22	NA
	HEMCO CORP. 130130		INDEPENDENCE				
	STYRENE		TRI	W49	W82	NA	
	METHYL METHACRYLATE		TRI	W49	W82	NA	
JASPER							

SOURCE REDUCTION ACTIVITY							
FACILITY NAME	CITY	CHEMICAL	CLAS	FIRS	SECOND	THIRD	FOURTH
DYNO NOBEL INC. CARTHAGE PLANT			CARTHAGE				
		NITRATE COMPOUNDS	TRI	W19	NA		
		ETHYLENE GLYCOL	TRI	W19	W33	NA	
		CHROMIUM COMPOUNDS	TRI	W42	NA		
		SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)	TRI	W19	W21	NA	
		NITRIC ACID	TRI	W19	NA		
		NITROGLYCERIN	TRI	W19	W58	NA	
		AMMONIA	TRI	W19	W36	NA	
MODINE MFG. CO.			JOPLIN				
		COPPER	TRI	W58	NA		
JEFFERSON							
CRYSTAL CITY NITROGEN			FESTUS				
		AMMONIA	TRI	W39	W54	NA	
		NITRATE COMPOUNDS	TRI	W39	W54	NA	
DOW CHEMICAL CO. RIVERSIDE SITE			PEVELY				
		CHLOROETHANE	TRI	W42	NA		
JOHNSON							
HAWKER ENERGY PRODS. INC.			WARRENSBURG				
		LEAD COMPOUNDS	TRI	W13	W24	W36	W42
LAFAYETTE							
KITCO INC.			ODESSA				

<i>FACILITY NAME</i>	<i>CITY</i>	<i>CHEMICAL</i>	<i>CLAS</i>	<i>SOURCE REDUCTION ACTIVITY</i>			
				<i>FIRS</i>	<i>SECOND</i>	<i>THIRD</i>	<i>FOURTH</i>
<b>LAWRENCE</b>		STYRENE	TRI	W49	W52	W72	NA
	<i>DUCOA L.P.</i>		VERONA				
		METHANOL	TRI	W52			
	<i>SILGAN CONTAINERS MFG. CORP.</i>		MOUNT VERNON				
<b>LINCOLN</b>		CERTAIN GLYCOL ETHERS	TRI	W13	NA		
	<i>BODINE ALUMINUM INC.</i>		TROY				
		COPPER	TRI	W49	NA		
		PHENOL	TRI	W19	W58	W52	NA
<b>LIVINGSTON</b>	<i>HUDSON VALLEY POLYMERS</i>		CHILLICOTHE				
		ZINC COMPOUNDS	TRI	W42	NA		
<b>MACON</b>	<i>CONAGRA FROZEN FOODS</i>		MACON				
		AMMONIA	TRI	W13	NA		
	<i>TOASTMASTER INC.</i>		MACON				
		TRICHLOROETHYLENE	TRI	W13	NA		
<b>MC DONALD</b>	<i>TYSON FOODS INC.</i>		NOEL				

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
<b>MILLER</b> <i>FASCO INDS. INC.</i>	AMMONIA		TRI	W13			
	XYLENE (MIXED ISOMERS)		TRI	W73	NA		
<b>MONROE</b> <i>DIVERSIFIED DIEMAKERS (DBA INTERMET)</i>	COPPER		TRI	W42	NA		
<b>MONTGOMERY</b> <i>UNIQUE AUTOMOTIVE REBUILDERS, INC.</i>	TRICHLOROETHYLENE		TRI	W19			
<b>MORGAN</b> <i>GATES RUBBER CO.</i>	ZINC COMPOUNDS		TRI	W52	NA		
<b>NODAWAY</b> <i>LACLEDE CHAIN MFG.</i>	NICKEL COMPOUNDS		TRI	W19	W58	NA	
	MANGANESE COMPOUNDS		TRI	W58	NA		
<b>OSAGE</b> <i>CHAMOIS POWER PLANT</i>	HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)		TRI	W19	NA		

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
PEMISCOT		MERCURY COMPOUNDS	PBT	W52	NA		
		SULFURIC ACID (1994 AND AFTER "ACID AEROSOLS" ONLY)	TRI	W41	NA		
	<i>LOXCREEN CO. INC.</i>		HAYTI				
		XYLENE (MIXED ISOMERS)	TRI	W49	NA		
	<i>TRINITY MARINE PRODS. INC.</i>		CARUTHERSVILLE				
		XYLENE (MIXED ISOMERS)	TRI	W13	NA		
		MANGANESE COMPOUNDS	TRI	W51	NA		
PETTIS	<i>ADCO INC.</i>		SEDALIA				
		TRICHLOROETHYLENE	TRI	W36	W32	W13	NA
		CERTAIN GLYCOL ETHERS	TRI	W32	W36	W52	NA
		1,2,4-TRIMETHYLBENZENE	TRI	W32	W36	W52	NA
		TETRACHLOROETHYLENE	TRI	W32	W36	W52	W42
	<i>HAYES LEMMERZ INTL. INC.</i>		SEDALIA				
		METHYL ETHYL KETONE	TRI	W42	W52	NA	
	<i>WATERLOO INDS. INC.</i>		SEDALIA				
		N-BUTYL ALCOHOL	TRI	W73	W75	NA	
		TOLUENE	TRI	W73	W75	NA	
		XYLENE (MIXED ISOMERS)	TRI	W73	W75	NA	
PIKE							

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
DYNO NOBEL INC. LOMO PLANT			LOUISIANA				
		AMMONIA	TRI	W39	W52	W58	NA
		NITRATE COMPOUNDS	TRI	W58	NA		
		NITRIC ACID	TRI	W52	NA		
MISSOURI CHEMICAL WORKS			LOUISIANA				
		METHANOL	TRI	W58	NA		
RALLS	BUCKHORN RUBBER PRODS. INC.			HANNIBAL			
		ZINC COMPOUNDS	TRI	W21	W22	NA	
		TOLUENE	TRI	W42	NA		
	CONTINENTAL CEMENT CO. L.L.C.			HANNIBAL			
		CYCLOHEXANE	TRI	W33	W39	W52	NA
		N,N-DIMETHYLFORMAMIDE	TRI	W33	W39	W52	NA
		DICHLOROMETHANE	TRI	W33	W39	W52	NA
		TRICHLOROETHYLENE	TRI	W33	W39	W52	NA
		1,2,4-TRIMETHYLBENZENE	TRI	W33	W39	W52	NA
		TETRACHLOROETHYLENE	TRI	W33	W39	W52	NA
	CUMENE	TRI	W33	W39	W52	NA	
	METHYL ISOBUTYL KETONE	TRI	W33	W39	W52	NA	
	TOLUENE	TRI	W33	W39	W52	NA	
	ACETONITRILE	TRI	W33	W39	W52	NA	
	1,4-DIOXANE	TRI	W33	W39	W52	NA	

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
		ETHYLBENZENE	TRI	W33	W39	W52	NA
		N-HEXANE	TRI	W33	W39	W52	NA
		ETHYLENE GLYCOL	TRI	W33	W39	W52	NA
		METHYL ETHYL KETONE	TRI	W33	W39	W52	NA
		METHANOL	TRI	W33	W39	W52	NA
		ACETOPHENONE	TRI	W33	W39	W52	NA
		STYRENE	TRI	W33	W39	W52	NA
		TRIETHYLAMINE	TRI	W35	NA		
		N-BUTYL ALCOHOL	TRI	W33	W39	W52	NA
		NAPHTHALENE	TRI	W33	W39	W52	NA
		MERCURY COMPOUNDS	PBT	W33	W39	W52	NA
		DIOXIN AND DIOXIN-LIKE COMPOUNDS	DIOXIN	W58	NA		
		PHTHALIC ANHYDRIDE	TRI	W33	W39	W52	NA
		O-XYLENE	TRI	W33	W39	W52	NA
		M-XYLENE	TRI	W33	W39	W52	NA
		PHENANTHRENE	TRI	W33	W39	W52	NA
		SEC-BUTYL ALCOHOL	TRI	W33	W39	W52	NA
		DIMETHYL PHTHALATE	TRI	W33	W39	W52	NA
		1,2-DICHLOROBENZENE	TRI	W33	W39	W52	NA
		DI(2-ETHYLHEXYL) PHTHALATE	TRI	W33	W39	W52	NA
		PHENOL	TRI	W33	W39	W52	NA
		LEAD COMPOUNDS	TRI	W54	NA		
		1,1,2-TRICHLOROETHANE	TRI	W33	W39	W52	NA

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
		METHYL METHACRYLATE	TRI	W33	W39	W52	NA
		N-METHYL-2-PYRROLIDONE	TRI	W33	W39	W52	NA
		1,1,1-TRICHLOROETHANE	TRI	W33	W39	W52	NA
		CHLOROFORM	TRI	W33	W39	W52	NA
		METHYL TERT-BUTYL ETHER	TRI	W33	W39	W52	NA
		BENZENE	TRI	W33	W39	W52	NA
		PYRIDINE	TRI	W33	W39	W52	NA
		2-ETHOXYETHANOL	TRI	W33	W39	W52	NA
		CHLOROBENZENE	TRI	W33	W39	W52	NA
		M-CRESOL	TRI	W33	W39	W52	NA
MANCHESTER TANK & EQUIPMENT CO.			HANNIBAL				
		XYLENE (MIXED ISOMERS)	TRI	W73	NA		
SAINT LOUIS CITY							
ACOUSTISEAL INC.			SAINT LOUIS				
		ANTIMONY COMPOUNDS	TRI	W51	W13	W36	NA
		ZINC COMPOUNDS	TRI	W49	NA		
		LEAD COMPOUNDS	TRI	W42	NA		
		DECABROMODIPHENYL OXIDE	TRI	W51	W13	W36	NA
BECTON DICKINSON & CO. ACCU-GLASS			SAINT LOUIS				
		LEAD	TRI	W19	NA	NA	
CLEAN CITY SQUARES INC.			SAINT LOUIS				
		TOLUENE	TRI	W51	NA		

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
COMMERCIAL PLATING CO.			SAINT LOUIS				
		COPPER	TRI	W52	W66		
		CYANIDE COMPOUNDS	TRI	W52	W66		
		LEAD	TRI	W52	W66		
CONTINENTAL FABRICATORS INC.			SAINT LOUIS				
		CHROMIUM	TRI	W29	NA		
		NICKEL	TRI	W29	NA		
		MANGANESE	TRI	W29	NA		
DAZOR MFG. CORP.			SAINT LOUIS				
		TETRACHLOROETHYLENE	TRI	W13	NA		
IPC INC. FIN-CLAIR CORP.			SAINT LOUIS				
		NICKEL	TRI	W13	W33	W36	W66
KV PHARMACEUTICAL CO.			SAINT LOUIS				
		DICHLOROMETHANE	TRI	W82	NA		
LINDBERG HEAT TREATING CO.			SAINT LOUIS				
		AMMONIA	TRI	W19			
MALLINCKRODT INC.			SAINT LOUIS				
		1,1,2-TRICHLOROETHANE	TRI	W58	NA		
MARQUETTE TOOL & DIE CO.			SAINT LOUIS				
		TRICHLOROETHYLENE	TRI	W81	NA		
MOZEL INC.			SAINT LOUIS				

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
		DIISOCYANATES	TRI	W14	W19	NA	
		METHYL ETHYL KETONE	TRI	W14	W19	NA	
		TOLUENE	TRI	W14	W19	NA	
		N-BUTYL ALCOHOL	TRI	W14	W14	NA	
		ETHYLBENZENE	TRI	W14	W19	NA	
		METHYL ISOBUTYL KETONE	TRI	W14	W14	NA	
		ISOPROPYL ALCOHOL	TRI	W14	W14	NA	
		(MANUFACTURING, STRONG-ACID 1,2,4-TRIMETHYLBENZENE	TRI	W14	W19	NA	
		XYLENE (MIXED ISOMERS)	TRI	W14	W19	NA	
NORTH AMERICAN GALVANIZING CO. SAINT			SAINT LOUIS				
		ZINC COMPOUNDS	TRI	W19	NA		
PERKINELMER FLUID SCIENCES ST. LOUIS			SAINT LOUIS				
		CHROMIUM	TRI	W67	W68		
		NICKEL	TRI	W67	W68	W71	
PROCTER & GAMBLE MFG. CO.			SAINT LOUIS				
		AMMONIA	TRI	W13	W19	W31	W32
SCHAEFFER MFG.			SAINT LOUIS				
		NAPHTHALENE	TRI	W42	NA		
SIEGEL-ROBERT PLATING CO.			SAINT LOUIS				
		METHYL ETHYL KETONE	TRI	W42	NA		
SIGMA CHEMICAL CO.			SAINT LOUIS				
		METHANOL	TRI	W51	W58	NA	

<i>FACILITY NAME</i>	<i>CITY</i>	<i>CHEMICAL</i>	<i>CLAS</i>	<i>SOURCE REDUCTION ACTIVITY</i>			
				<i>FIRS</i>	<i>SECOND</i>	<i>THIRD</i>	<i>FOURTH</i>
<i>SINCLAIR &amp; RUSH INC.</i>		METHANOL	TRI	W58	NA		
		CHLOROFORM	TRI	W51	NA		
<i>U.S. PAINT CORP.</i>		DI(2-ETHYLHEXYL) PHTHALATE	TRI	W42	NA		
<i>WHITE-RODGERS CO.</i>		CERTAIN GLYCOL ETHERS	TRI	W42	NA		
		XYLENE (MIXED ISOMERS)	TRI	W42	NA		
		TOLUENE	TRI	W42	NA		
<b>SALINE</b>		TRICHLOROETHYLENE	TRI	W61	NA		
<i>CONAGRA FROZEN FOODS INC.</i>							
<i>EXCEL CORP.</i>							
<b>SCOTT</b>							
<i>ESSEX GROUP INC.</i>							
<b>ST CHARLES</b>							

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
ZOLTEK CORP.			SAINT CHARLES				
		CYANIDE COMPOUNDS	TRI	W13	W19	W24	W29
<b>ST LOUIS</b>							
ADVANCED PERFORMANCE MATERIALS			EARTH CITY				
		NICKEL COMPOUNDS	TRI	W49	W58	NA	
FUTURA COATINGS INC.			HAZELWOOD				
		TOLUENE DIISOCYANATE (MIXED ISOMERS)	TRI	W49	NA		
HUSSMANN CORP.			BRIDGETON				
		XYLENE (MIXED ISOMERS)	TRI	W73	NA		
LHB INDS.			BERKELEY				
		TOLUENE	TRI	W31	NA		
		XYLENE (MIXED ISOMERS)	TRI	W31	NA		
		METHANOL	TRI	W31	NA		
		METHYL ETHYL KETONE	TRI	W32	NA		
MAC MOLDING CO. INC.			SAINT LOUIS				
		STYRENE	TRI	W35	W52		
MID-STATES PAINT & CHEM. CO.			SAINT LOUIS				
		TOLUENE	TRI	W42			
		XYLENE (MIXED ISOMERS)	TRI	W42			
MIDCO PRODS. CO. INC.			CHESTERFIELD				
		XYLENE (MIXED ISOMERS)	TRI	W14			

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
MOZEL INC.	BELLA VILLA	1,2,4-TRIMETHYLBENZENE	TRI	W14			
		METHYL ETHYL KETONE	TRI	W14			
		TETRACHLOROETHYLENE	TRI	W14			
		CUMENE	TRI	W14			
		TRICHLOROETHYLENE	TRI	W14			
		DICHLOROMETHANE	TRI	W14			
		TOLUENE	TRI	W14			
MOZEL INC.	BELLA VILLA	XYLENE (MIXED ISOMERS)	TRI	W14	W14	NA	
		TETRACHLOROETHYLENE	TRI	W14	W14	NA	
		N-METHYL-2-PYRROLIDONE	TRI	W14	W14	NA	
NESCO CONTAINER CORP.	FENTON	FORMALDEHYDE	TRI	W73	NA		
		METHYL ETHYL KETONE	TRI	W22	W73	NA	
PENNZOIL-QUAKER STATE CO.	MARYLAND HEIGHTS	ZINC COMPOUNDS	TRI	W39	NA		
PRINTPACK INC.	HAZELWOOD	CYCLOHEXANE	TRI	W54	NA		
REICHHOLD INC. VALLEY PARK PLANT	VALLEY PARK	ETHYLBENZENE	TRI	W58	NA		
		SEC-BUTYL ALCOHOL	TRI	W58	NA		
		XYLENE (MIXED ISOMERS)	TRI	W42	W58	NA	

FACILITY NAME	CITY	CHEMICAL	CLAS	SOURCE REDUCTION ACTIVITY			
				FIRS	SECOND	THIRD	FOURTH
ST. LOUIS	VOPAK USA INC. ST. LOUIS	N-METHYL-2-PYRROLIDONE	TRI	W58	NA		
		TOLUENE	TRI	W58	NA		
		CERTAIN GLYCOL ETHERS	TRI	W58	NA		
		N-BUTYL ALCOHOL	TRI	W58	NA		
		METHYL ISOBUTYL KETONE	TRI	W58	NA		
	BERKELEY	DICHLOROMETHANE	TRI	W32	NA		
		N-METHYL-2-PYRROLIDONE	TRI	W32	NA		
		TRICHLOROETHYLENE	TRI	W32	NA		
SULLIVAN	PERMEA	N-METHYL-2-PYRROLIDONE	TRI	W42	W13	W51	NA
VERNON	3M NEVADA PLANT						

<i>FACILITY NAME</i>	<i>CITY</i>	<i>CHEMICAL</i>	<i>CLAS</i>	<i>SOURCE REDUCTION ACTIVITY</i>			
				<i>FIRS</i>	<i>SECOND</i>	<i>THIRD</i>	<i>FOURTH</i>
		TOLUENE	TRI	W82	W39	NA	
		N-BUTYL ALCOHOL	TRI	W82	NA		
		XYLENE (MIXED ISOMERS)	TRI	W82	W39	NA	
		METHYL ISOBUTYL KETONE	TRI	W82	NA		
		METHANOL	TRI	W82	NA		
		ETHYLBENZENE	TRI	W82	W39	NA	
		CERTAIN GLYCOL ETHERS	TRI	W82	NA		
		METHYL ETHYL KETONE	TRI	W82	W39	NA	
<b>WEBSTER</b>							
	<i>YORK CASKET-MISSOURI</i>		MARSHFIELD				
		METHYL ETHYL KETONE	TRI	W58	W51	W13	NA
		TOLUENE	TRI	W58	W51	W13	NA
<b>WRIGHT</b>							
	<i>MANS STEEL</i>		MANSFIELD				
		XYLENE (MIXED ISOMERS)	TRI	W73	NA	NA	
		TOLUENE	TRI	W73	NA	NA	